

S A F E T Y D A T A S H E E T

FX-2002 275 RUBBED EFFECT PRECATALYZED

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===== SECTION I - IDENTIFICATION OF MATERIAL AND SUPPLIER =====

PRODUCT NAME: FX-2002 275 RUBBED EFFECT PRECATALYZED
PRODUCT CODE: 201-S-102

MANUFACTURER'S NAME: R. J. McGLENNON CO. INC.
ADDRESS : 198 UTAH ST.
 SAN FRANCISCO, CA 94103

EMERGENCY PHONE : (800)424-9300
INFORMATION PHONE : (415)552-0311
DATE PRINTED : 07/09/15

===== SECTION II - HAZARDOUS IDENTIFICATION =====

OSHA REGULATORY STATUS

THIS CHEMICAL IS CONSIDERED HAZARDOUS BY THE 2012 OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

| | |
|--|------------------|
| ACUTE TOXICITY - ORAL | CATEGORY 4 H302 |
| ACUTE TOXICITY - DERMAL | CATEGORY 4 H312 |
| ACUTE TOXICITY - INHALATION (VAPORS) | CATEGORY 4 H332 |
| SKIN CORROSION/IRRITATION | CATEGORY 2 H315 |
| SERIOUS EYE DAMAGE/EYE IRRITATION | CATEGORY 2B H320 |
| CARCINOGENICITY | CATEGORY 2 H351 |
| REPRODUCTIVE TOXICITY | CATEGORY 2 H361 |
| SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) | CATEGORY 2 H373 |
| CHRONIC AQUATIC TOXICITY | CATEGORY 3 H412 |
| FLAMMABLE LIQUIDS | CATEGORY 2 H225 |
| FLAMMABLE LIQUIDS | CATEGORY 3 H226 |
| SLOT, SINGLE EXPOSURE | CATEGORY 3 H335 |
| EYE IRRITATION | CATEGORY 2 H319 |

LABEL ELEMENTS

- HEALTH HAZARD
- FLAME
- EXCLAMATION MARK

EMERGENCY OVERVIEW STATEMENTS

HAZARD STATEMENTS

HARMFUL IF SWALLOWED
HARMFUL IF INHALED
CAUSES SKIN IRRITATION
CAUSES EYE IRRITATION
SUSPECTED OF CAUSING CANCER
SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD
MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM THROUGH PROLONGED OR REPEATED EXPOSURE
HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS
FLAMMABLE LIQUID AND VAPOR

PRECAUTIONARY STATEMENTS - PREVENTION

OBTAIN SPECIAL INSTRUCTIONS BEFORE USE
DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD
USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED
USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA
WASH FACE, HANDS AND ANY EXPOSED SKIN THOROUGHLY AFTER HANDLING

DO NOT BREATHE MIST, VAPORS, SPRAY
 KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING
 KEEP CONTAINER TIGHTLY CLOSED
 GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT
 USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING EQUIPMENT
 USE ONLY NON-SPARKING TOOLS
 TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE
 AVOID RELEASE TO THE ENVIRONMENT

PRECAUTIONARY STATEMENTS - RESPONSE
 IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION
 IF IN EYES: REINSE CAUTIONASLY WITH WATER FOR SEVERAL MINUTES. REMOVED CONTACT LENSES, IF PRESENTS AND EASY TO DO.
 CONTINUE RINSING IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION
 CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL
 IF SIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION
 IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER
 WASH CONTAMINATED CLOTHING BEFORE REUSE
 IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING
 IN CASE OF FIRE: USE CO2, DRY CHEMICAL, OR FOAM TO EXTINGUISH

PRECAUTIONARY STATEMENTS - STORAGE
 STORE IN A WELL-VENTILATED PLACE. KEEP COOL

PRECAUTIONARY STATEMENTS - DISPOSAL
 DISPOSE OF CONTENTS/CONTAINER TO INDUSTRIAL INCINERATION PLANT
 DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

HAZARDS NOT OTHERWISE CLASSIFIED OTHER INFORMATION
 REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS AND CRACKING

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) OTHER INFORMATION

REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS AND CRACKING

===== SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS =====

| REPORTABLE COMPONENTS | CAS NUMBER | WEIGHT |
|----------------------------|------------|---------|
| | | PERCENT |
| ACETONE | 67-64-1 | 60.5 |
| PARACHLOROBENZOTRIFLUORIDE | 98-56-6 | 12.5 |
| * # GLYCOL ETHER EB | 111-76-2 | 3.40 |
| NORMAL BUTYL ACETATE | 123-86-4 | 1.5 |

* Indicates this product contains EPCRA section 313 chemical(s) subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

This information must be included in all MSDS's that are copied and distributed for this material. ** Note for Glycol Ether EB - this solvent is no longer on the 40CFR63.112 HAPS list but it is EPCRA section 313 reportable

WARNING: This product contains flammable solvent(s).

===== SECTION IV - FIRST-AID MEASURES =====

IF ON SKIN: FLUSH EXPOSED AREA WITH LARGE AMOUNTS OF WATER. IF ANY IRRITATION DEVELOPS SEEK MEDICAL ATTENTION. REMOVE

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CONTAMINATED CLOTHING. LAUNDER CLOTHING BEFORE REUSE.

IF IN EYES: FLUSH WITH WATER WHILE HOLDING EYELIDS OPEN. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

FOR INHALATION, REMOVE TO FRESH AIR, AND IF NAUSEA OR DIZZINESS DEVELOPS, SEEK MEDICAL ATTENTION.

IF SWALLOWED DO NOT INDUCE VOMITTING (MATERIAL COMPONENTS PRESENT AN ASPIRATION HAZARD) PLACE PERSON ON LEFT SIDE AND SEEK MEDICAL ATTENTION.

===== SECTION V - FIRE-FIGHTING MEASURES =====

FLASH POINT: - 4 Deg F

METHOD USED: TCC

FLAMMABLE LIMITS IN AIR BY % OF VOLUME- LOWER: 1.1% UPPER: 12.8%

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

WATER SPRAY MAY BE INEFFECTIVE, BUT MAY BE USED TO COOL CONTAINERS EXPOSED TO EXTREME HEAT. WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE.

UNUSUAL FIRE AND EXPLOSION HAZARDS

NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN EXPLODE. DURING TRANSFER OPERATIONS, ALL FIVE GALLON PAILS AND LARGER METAL CONTAINERS (TANK CARS AND TANK TRUCKS) SHOULD BE GROUNDED TO DISSIPATE STATIC CHARGES. VAPORS ARE HEAVIER THAN AIR, AND CAN TRAVEL ALONG THE GROUND TO IGNITION SOURCES.

===== SECTION VI - ACCIDENTAL RELEASE MEASURE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

SMALL SPILL: ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL.

LARGE SPILL: ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES, INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS), PREVENT SPREAD OF MATERIAL.

===== SECTION VII - HANDLING AND STORAGE =====

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

DO NOT STORE ABOVE 120 DEG.F. DO NOT STORE OR USE NEAR HEAT, SPARKS, OPEN FLAMES, OR ANY SOURCE OF IGNITION. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS EVEN WHEN EMPTIED-SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPORS, LIQUID, AND/OR SOLID). ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.

OTHER PRECAUTIONS

AVOID SKIN CONTACT. DO NOT GET IN EYES. DO NOT TAKE INTERNALLY. USE ONLY WITH ADEQUATE VENTILATION. DO NOT USE NEAR ANY SOURCES OF IGNITION. DO NOT WELD OR FLAME CUT EMPTY DRUMS. AVOID SKIN CONTACT. DO NOT GET IN EYES. DO NOT TAKE INTERNALLY. USE ONLY WITH ADEQUATE VENTILATION. SEE RESPIRATORY PROTECTION SECTION FOR RECOMMENDATIONS. DO NOT USE NEAR ANY SOURCES OF IGNITION. DO NOT WELD OR FLAME CUT EMPTY DRUMS. THIS PRODUCT IS INTENDED FOR PROFESSIONAL USE ONLY BY TRAINED PERSONNEL.

===== SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION=====

EXPOSURE LIMITS ON
REPORTABLE COMPONENTS

CAS NUMBER

ACETONE

67-64-1

OSHA PEL EXPOSURE LIMIT: 750 ppm - TWA

ACGIH TLV EXPOSURE LIMIT: 750 ppm - TWA

OSHA STEL : 1000 ppm

PARACHLOROBENZOTRIFLUORIDE

98-56-6

PEL: Not Established

TLV: Not Established

* # GLYCOL ETHER EB 111-76-2

OSHA PEL EXPOSURE LIMIT: 25 ppm TWA
ACGIH TLV EXPOSURE LIMIT: 25 ppm skin
OSHA TWA EXPOSURE LIMIT: 240 mg/cu.m.

NORMAL BUTYL ACETATE 123-86-4

OSHA PEL EXPOSURE LIMIT: 150 ppm
ACGIH TLV EXPOSURE LIMIT: 150 ppm
OTHER EXPOSURE LIMIT: N/A

RESPIRATORY PROTECTION

IF WORKPLACE EXPOSURE LIMITS(S) OF PRODUCT OR ANY COMPONENT IS EXCEEDED (SEE SECTION II), A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS (CHEMICAL TYPE WITH ORGANIC VAPOR CARTRIDGE) - CONSULT YOUR INDUSTRIAL HYGIENIST.

VENTILATION

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN ALL SECTION II COMPONENTS BELOW THEIR EXPOSURE LIMITS.

PROTECTIVE GLOVES

WEAR RESISTANT GLOVES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

EYE PROTECTION

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

EYE BATH AND SAFETY SHOWER. TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING, GLOVES, AND BOOTS.

WORK/HYGIENIC PRACTICES

WASH HANDS PRIOR TO EATING. DO NOT SMOKE NEAR THIS PRODUCT.

===== SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES =====

BOILING RANGE: 133 Deg F - 336 Deg F SPECIFIC GRAVITY (H2O=1): .92
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
SOLUBILITY IN WATER: NEGLIGIBLE
APPEARANCE AND ODOR: CLEAR LIQUID WITH ORGANIC SOLVENTS ODOR.

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE | |
|----------------------------|------------|----------------|----------|
| | | MM HG | @ TEMP |
| ACETONE | 67-64-1 | 185.0 | 68 Deg F |
| PARACHLOROBENZOTRIFLUORIDE | 98-56-6 | 5.3 | 20 Deg C |
| * # GLYCOL ETHER EB | 111-76-2 | 0.40 | 20 Deg C |
| NORMAL BUTYL ACETATE | 123-86-4 | 10.0 | 68 Deg F |

===== SECTION X - STABILITY AND REACTIVITY =====

STABILITY

STABLE UNDER NORMAL CONDITIONS

CONDITIONS TO AVOID

ALL SOURCES OF IGNITION: HEAT, SPARKS, STATIC ELECTRICITY, OPEN FLAMES

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID CONTACT WITH: STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CARBON DIOXIDE, CARBON MONOXIDE, HYDROCARBON COMPOUNDS

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

===== SECTION XI - TOXICOLOGICAL INFORMATION =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INHALATION: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION. OTHER INHALATION SYMPTONS CAN INCLUDE NAUSEA, DIZZINESS, HEADACHE.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN: EXPOSURE CAUSES SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE MAY DRY SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING, AND CRACKING. EYES: PRIMARY IRRITATION. SYMPTOMS INCLUDE STINGING, TEARING, REDNESS.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN ABSORPTION IS POSSIBLE, AND MAY BE HARMFUL. BUT HARMFUL EFFECTS ARE NOT EXPECTED FROM INCIDENTAL CONTACT THROUGH NORMAL USE.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SWALLOWING IS HARMFUL. SYMPTOMS INCLUDE GASTROINTESTINAL IRRITATION (NAUSEA, VOMITING, DIARRHEA).

HEALTH HAZARDS (ACUTE AND CHRONIC)

NONE KNOWN ON PRODUCT AS SUPPLIED

HOWEVER, OVER EXPOSURE TO SECTION II COMPONENTS CAN CAUSE DIZZINESS, NAUSEA OR HEADACHE. EXCESSIVE SKIN CONTACT CAN CAUSE DERMATITUS. EYE CONTACT CAN CAUSE IRRITATION.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

THIS MATERIAL IS NOT EXPECTED TO BE CARCINOGENIC IN HUMANS BASED ON NEGATIVE EVIDENCE OF CARCINOGENICITY IN LABORATORY ANIMALS. THIS MATERIAL IS NOT LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA. SEE OTHER WARNINGS IN SECTION II. SUSPECTED OF CAUSING CANCER. SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

OVER EXPOSURE TO SECTION II COMPONENTS CAN AGGRAVATE PRE-EXISTING DISORDERS OF KIDNEYS, LIVER AND RESPIRATORY SYSTEM.

===== SECTION XII - ECOLOGICAL INFORMATION =====

ECOLOGICAL INFORMATION: NO RELEVANT DATA FOUND
MOBILITY IN SOIL: NO RELEVANT DATA FOUND
OTHER ADVERSE EFFECTS: NO RELEVANT DATA FOUND

===== SECTION XIII - DISPOSAL CONSIDERATION =====

WASTE DISPOSAL METHOD

HAZARDOUS WASTE REGULATIONS ARE NOT CONSISTENT THROUGHOUT THE COUNTRY (SOME WASTES ARE NOT HAZARDOUS WASTE UNDER FEDERAL RULES, BUT THE SAME WASTE MAY BE DEFINED AS HAZARDOUS WASTE UNDER STATE RULES).

ANY SPILLS SHOULD BE SOAKED UP WITH INERT ABSORBANT AND COLLECTED IN CONTAINERS. PAINT BOOTH FILTERS MAY BE CONSIDERED HAZARDOUS.

CONTACT YOUR LOCAL HAZARDOUS WASTE AGENCY (WITH INFORMATION FROM THIS MSDS) FOR PROPER DISPOSAL INSTRUCTIONS.

===== SECTION XIV - TRANSPORT INFORMATION =====

DOT / TDG / MEX

| | |
|----------------------|--------|
| UN-NO | UN1263 |
| PROPER SHIPPING NAME | PAINT |
| HAZARD CLASS | 3 |
| PACKING GROUP | II |
| NAERG: | 127 |

IATA / IMDG / IMO

| | |
|----------------------|--------|
| UN-NO | UN1263 |
| PROPER SHIPPING NAME | PAINT |

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| | |
|----------------------|----------|
| HAZARD CLASS | 3 |
| PACKING GROUP | PGII |
| PACKING INSTRUCTIONS | 355;366 |
| NAERG: | 127 |
| EMS-NO | F-E, S-E |

===== SECTION XV - REGULATORY INFORMATION =====

SARA 313 REPORTABLE COMPONENTS CAN BE FOUND IN SECTION III COMPOSITION

SARA 313 HAZARDOUS CATEGORIZATION

| | |
|----------------------------------|-----|
| ACUTE HEALTH HAZRD | YES |
| CHRONIC HEALTH HAZARD | YES |
| FIRE HAZARD | YES |
| SUDDEN RELEASE OF PRESSURE HAZRD | NO |
| REACTIVE HAZRD | NO |

STATE REGULATIONS: CALIFORNIA PROPOSITION 65

WARNING: THIS MATERIAL CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 REQUIRES THAT CLEAR AND REASONABLE WARNING BE GIVEN PRIOR TO EXPOSING ANY PERSON TO THIS CHEMICAL

===== SECTION XVI - OTHER INFORMATION =====

THE INFORMATION IN THIS MSDS AND ENVIRONMENTAL DATA SHEET WAS OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, REGARDING ITS ACCURACY OR COMPLETENESS. RECIPIENTS ARE ADVISED TO CONFIRM THE CURRENT ACCURACY IN ADVANCE OF NEEDS.

===== SECTION I - IDENTIFICATION OF MATERIAL AND SUPPLIER =====

PRODUCT NAME: SX-2004 275 CLEAR PRECATALYZED SANDING
 PRODUCT CODE: 201-SS-104

MANUFACTURER'S NAME: R. J. McGLENNON CO. INC.
 ADDRESS : 198 UTAH ST.
 SAN FRANCISCO, CA 94103

EMERGENCY PHONE : (800)424-9300
 INFORMATION PHONE : (415)552-0311
 DATE PRINTED : 07/16/15

===== SECTION II - HAZARDOUS IDENTIFICATION =====

OSHA REGULATORY STATUS

THIS CHEMICAL IS CONSIDERED HAZARDOUS BY THE 2012 OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

| | |
|--|------------------|
| ACUTE TOXICITY - ORAL | CATEGORY 4 H302 |
| ACUTE TOXICITY - DERMAL | CATEGORY 4 H312 |
| ACUTE TOXICITY - INHALATION (VAPORS) | CATEGORY 4 H332 |
| SKIN CORROSION/IRRITATION | CATEGORY 2 H315 |
| SERIOUS EYE DAMAGE/EYE IRRITATION | CATEGORY 2B H320 |
| CARCINOGENICITY | CATEGORY 2 H351 |
| REPRODUCTIVE TOXICITY | CATEGORY 2 H361 |
| SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) | CATEGORY 2 H373 |
| CHRONIC AQUATIC TOXICITY | CATEGORY 3 H412 |
| FLAMMABLE LIQUIDS | CATEGORY 2 H225 |
| FLAMMABLE LIQUIDS | CATEGORY 3 H226 |
| SLOT, SINGLE EXPOSURE | CATEGORY 3 H335 |
| EYE IRRITATION | CATEGORY 2 H319 |

LABEL ELEMENTS

- HEALTH HAZARD
- FLAME
- EXCLAMATION MARK

EMERGENCY OVERVIEW STATEMENTS

HAZARD STATEMENTS

- HARMFUL IF SWALLOWED
- HARMFUL IF INHALED
- CAUSES SKIN IRRITATION
- CAUSES EYE IRRITATION
- SUSPECTED OF CAUSING CANCER
- SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD
- MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM THROUGH PROLONGED OR REPEATED EXPOSURE
- HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS
- FLAMMABLE LIQUID AND VAPOR

PRECAUTIONARY STATEMENTS - PREVENTION

- OBTAIN SPECIAL INSTRUCTIONS BEFORE USE
- DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD
- USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED
- USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA
- WASH FACE, HANDS AND ANY EXPOSED SKIN THOROUGHLY AFTER HANDLING

DO NOT BREATHE MIST, VAPORS, SPRAY
 KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING
 KEEP CONTAINER TIGHTLY CLOSED
 GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT
 USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING EQUIPMENT
 USE ONLY NON-SPARKING TOOLS
 TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE
 AVOID RELEASE TO THE ENVIRONMENT

PRECAUTIONARY STATEMENTS - RESPONSE
 IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION
 IF IN EYES: RINSE CAUTIONASLY WITH WATER FOR SEVERAL MINUTES. REMOVED CONTACT LENSES, IF PRESENTS AND EASY TO DO.
 CONTINUE RINSING IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION
 CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL
 IF SIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION
 IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER
 WASH CONTAMINATED CLOTHING BEFORE REUSE
 IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING
 IN CASE OF FIRE: USE CO2, DRY CHEMICAL, OR FOAM TO EXTINGUISH

PRECAUTIONARY STATEMENTS - STORAGE
 STORE IN A WELL-VENTILATED PLACE. KEEP COOL

PRECAUTIONARY STATEMENTS - DISPOSAL
 DISPOSE OF CONTENTS/CONTAINER TO INDUSTRIAL INCINERATION PLANT
 DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

HAZARDS NOT OTHERWISE CLASSIFIED OTHER INFORMATION
 REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS AND CRACKING

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) OTHER INFORMATION
 REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS AND CRACKING

===== SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS =====

| REPORTABLE COMPONENTS | CAS NUMBER | WEIGHT PERCENT |
|--|------------|----------------|
| ACETONE | 67-64-1 | 58.5 |
| PARACHLOROBENZOTRIFLUORIDE | 98-56-6 | 15.0 |
| * # GLYCOL ETHER EB | 111-76-2 | 3.70 |
| * XYLENE | 1330-20-7 | 1.80 |
| * ZINC STEARATE (zinc compound category) | N982 | 1.80 |
| METHYL AMYL KETONE | 110-43-0 | 1.0 |

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 This information must be included in all MSDS's that are copied and distributed for this material. WARNING: This product contains a chemical known to the state of California to cause cancer, birth defects, or other reproductive harm.
 *# Note for Glycol Ether EB - this solvent is no longer on the 40CFR63.112 HAPS list but it is EPCRA section 313 reportable

WARNING: This product contains flammable solvent(s).

===== SECTION IV - FIRST-AID MEASURES =====

IF ON SKIN: FLUSH EXPOSED AREA WITH LARGE AMOUNTS OF WATER. IF ANY IRRITATION DEVELOPS SEEK MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING. LAUNDRY CLOTHING BEFORE REUSE.

IF IN EYES: FLUSH WITH WATER WHILE HOLDING EYELIDS OPEN. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

FOR INHALATION, REMOVE TO FRESH AIR, AND IF NAUSEA OR DIZZINESS DEVELOPS, SEEK MEDICAL ATTENTION.

IF SWALLOWED DO NOT INDUCE VOMITTING (MATERIAL COMPONENTS PRESENT AN ASPIRATION HAZARD) PLACE PERSON ON LEFT SIDE AND SEEK MEDICAL ATTENTION.

===== SECTION V - FIRE-FIGHTING MEASURES =====

FLASH POINT: - 4 Deg F METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY % OF VOLUME- LOWER: 1.0% UPPER: 12.8%

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO₂, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

WATER SPRAY MAY BE INEFFECTIVE, BUT MAY BE USED TO COOL CONTAINERS EXPOSED TO EXTREME HEAT. WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE.

UNUSUAL FIRE AND EXPLOSION HAZARDS

NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN EXPLODE. DURING TRANSFER OPERATIONS, ALL FIVE GALLON PAILS AND LARGER METAL CONTAINERS (TANK CARS AND TANK TRUCKS) SHOULD BE GROUNDED TO DISSIPATE STATIC CHARGES. VAPORS ARE HEAVIER THAN AIR, AND CAN TRAVEL ALONG THE GROUND TO IGNITION SOURCES.

===== SECTION VI - ACCIDENTAL RELEASE MEASURE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

SMALL SPILL: ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL.

LARGE SPILL: ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES, INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS), PREVENT SPREAD OF MATERIAL.

===== SECTION VII - HANDLING AND STORAGE =====

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

DO NOT STORE ABOVE 120 DEG.F. DO NOT STORE OR USE NEAR HEAT, SPARKS, OPEN FLAMES, OR ANY SOURCE OF IGNITION. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS EVEN WHEN EMPTIED-SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPORS, LIQUID, AND/OR SOLID). ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.

OTHER PRECAUTIONS

AVOID SKIN CONTACT. DO NOT GET IN EYES. DO NOT TAKE INTERNALLY. USE ONLY WITH ADEQUATE VENTILATION. DO NOT USE NEAR ANY SOURCES OF IGNITION. DO NOT WELD OR FLAME CUT EMPTY DRUMS. AVOID SKIN CONTACT. DO NOT GET IN EYES. DO NOT TAKE INTERNALLY. USE ONLY WITH ADEQUATE VENTILATION. SEE RESPIRATORY PROTECTION SECTION FOR RECOMMENDATIONS. DO NOT USE NEAR ANY SOURCES OF IGNITION. DO NOT WELD OR FLAME CUT EMPTY DRUMS. THIS PRODUCT IS INTENDED FOR PROFESSIONAL USE ONLY BY TRAINED PERSONNEL.

===== SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION=====

EXPOSURE LIMITS ON
REPORTABLE COMPONENTS

CAS NUMBER

ACETONE

67-64-1

| | |
|--|-----------|
| OSHA PEL EXPOSURE LIMIT: 750 ppm - TWA | |
| ACGIH TLV EXPOSURE LIMIT: 750 ppm - TWA | |
| OSHA STEL : 1000 ppm | |
| PARACHLOROBENZOTRIFLUORIDE | 98-56-6 |
| PEL: Not Established | |
| TLV: Not Established | |
| * # GLYCOL ETHER EB | 111-76-2 |
| OSHA PEL EXPOSURE LIMIT: 25 ppm TWA | |
| ACGIH TLV EXPOSURE LIMIT: 25 ppm skin | |
| OSHA TWA EXPOSURE LIMIT: 240 mg/cu.m. | |
| * XYLENE | 1330-20-7 |
| OSHA PEL EXPOSURE LIIMIT: 100 ppm TWA | |
| ACGITH TLV EXPOSURE LIMIT: 100 ppm TWA | |
| OSHA STEL: 150 ppm | |
| * ZINC STEARATE (zinc compound category) | N982 |
| NA | |
| METHYL AMYL KETONE | 110-43-0 |
| OSHA PEL EXPOSURE LIMIT: 100 ppm - TWA | |
| ACGIH TLV EXPOSURE LIMIT: 50 ppm - TWA | |
| OTHER EXPOSURE LIMIT: N/A | |

RESPIRATORY PROTECTION

IF WORKPLACE EXPOSURE LIMITS(S) OF PRODUCT OR ANY COMPONENT IS EXCEEDED (SEE SECTION II), A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS (CHEMICAL TYPE WITH ORGANIC VAPOR CARTRIDGE) - CONSULT YOUR INDUSTRIAL HYGIENIST.

VENTILATION

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN ALL SECTION II COMPONENTS BELOW THEIR EXPOSURE LIMITS.

PROTECTIVE GLOVES

WEAR RESISTANT GLOVES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

EYE PROTECTION

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

EYE BATH AND SAFETY SHOWER. TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING, GLOVES, AND BOOTS.

WORK/HYGIENIC PRACTICES

WASH HANDS PRIOR TO EATING. DO NOT SMOKE NEAR THIS PRODUCT.

===== SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES =====

| | |
|--|--|
| BOILING RANGE: 133 Deg F - 336 Deg F | SPECIFIC GRAVITY (H2O=1): .92 |
| VAPOR DENSITY: HEAVIER THAN AIR | EVAPORATION RATE: SLOWER THAN ETHER |
| SOLUBILITY IN WATER: NEGLIGIBLE | |
| APPEARANCE AND ODOR: CLEAR LIQUID WITH ORGANIC SOLVENTS ODOR. | |

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE MM HG @ TEMP |
|--|------------|--------------------------------|
| ----- | | |
| ACETONE | 67-64-1 | 185.0 68 Deg F |
| PARACHLOROBENZOTRIFLUORIDE | 98-56-6 | 5.3 20 Deg C |
| * # GLYCOL ETHER EB | 111-76-2 | 0.40 20 Deg C |
| * XYLENE | 1330-20-7 | 5.1 68 Deg F |
| * ZINC STEARATE (zinc compound category) | N982 | |
| METHYL AMYL KETONE | 110-43-0 | 2.14 68 Deg F |

===== SECTION X - STABILITY AND REACTIVITY =====

STABILITY

STABLE UNDER NORMAL CONDITIONS

CONDITIONS TO AVOID

ALL SOURCES OF IGNITION: HEAT, SPARKS, STATIC ELECTRICITY, OPEN FLAMES

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID CONTACT WITH: STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CARBON DIOXIDE, CARBON MONOXIDE, HYDROCARBON COMPOUNDS

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

===== SECTION XI - TOXICOLOGICAL INFORMATION =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INHALATION: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION. OTHER INHALATION SYMPTOMS CAN INCLUDE NAUSEA, DIZZINESS, HEADACHE.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN: EXPOSURE CAUSES SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE MAY DRY SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING, AND CRACKING. EYES: PRIMARY IRRITATION. SYMPTOMS INCLUDE STINGING, TEARING, REDNESS.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN ABSORPTION IS POSSIBLE, AND MAY BE HARMFUL. BUT HARMFUL EFFECTS ARE NOT EXPECTED FROM INCIDENTAL CONTACT THROUGH NORMAL USE.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SWALLOWING IS HARMFUL. SYMPTOMS INCLUDE GASTROINTESTINAL IRRITATION (NAUSEA, VOMITING, DIARRHEA).

HEALTH HAZARDS (ACUTE AND CHRONIC)

NONE KNOWN ON PRODUCT AS SUPPLIED

HOWEVER, OVER EXPOSURE TO SECTION II COMPONENTS CAN CAUSE DIZZINESS, NAUSEA OR HEADACHE. EXCESSIVE SKIN CONTACT CAN CAUSE DERMATITIS. EYE CONTACT CAN CAUSE IRRITATION.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

THIS MATERIAL IS NOT EXPECTED TO BE CARCINOGENIC IN HUMANS BASED ON NEGATIVE EVIDENCE OF CARCINOGENICITY IN LABORATORY ANIMALS. THIS MATERIAL IS NOT LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA. SEE OTHER WARNINGS IN SECTION II. SUSPECTED OF CAUSING CANCER. SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. See California warnings in Section II.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

OVER EXPOSURE TO SECTION II COMPONENTS CAN AGGRAVATE PRE-EXISTING DISORDERS OF KIDNEYS, LIVER AND RESPIRATORY SYSTEM.

===== SECTION XII - ECOLOGICAL INFORMATION =====

ECOLOGICAL INFORMATION: NO RELEVANT DATA FOUND

MOBILITY IN SOIL: NO RELEVANT DATA FOUND

OTHER ADVERSE EFFECTS: NO RELEVANT DATA FOUND

===== SECTION XIII - DISPOSAL CONSIDERATION =====

WASTE DISPOSAL METHOD

HAZARDOUS WASTE REGULATIONS ARE NOT CONSISTENT THROUGHOUT THE COUNTRY (SOME WASTES ARE NOT HAZARDOUS WASTE UNDER FEDERAL RULES, BUT THE SAME WASTE MAY BE DEFINED AS HAZARDOUS WASTE UNDER STATE RULES).

ANY SPILLS SHOULD BE SOAKED UP WITH INERT ABSORBANT AND COLLECTED IN CONTAINERS. PAINT BOOTH FILTERS MAY BE CONSIDERED HAZARDOUS.

CONTACT YOUR LOCAL HAZARDOUS WASTE AGENCY (WITH INFORMATION FROM THIS MSDS) FOR PROPER DISPOSAL INSTRUCTIONS.

===== SECTION XIV - TRANSPORT INFORMATION =====

DOT / TDG / MEX

| | |
|----------------------|--------|
| UN-NO | UN1263 |
| PROPER SHIPPING NAME | PAINT |
| HAZARD CLASS | 3 |
| PACKING GROUP | II |
| NAERG: | 127 |

IATA / IMDG / IMO

| | |
|----------------------|----------|
| UN-NO | UN1263 |
| PROPER SHIPPING NAME | PAINT |
| HAZARD CLASS | 3 |
| PACKING GROUP | PGII |
| PACKING INSTRUCTIONS | 355;366 |
| NAERG: | 127 |
| EMS-NO | F-E, S-E |

===== SECTION XV - REGULATORY INFORMATION =====

SARA 313 REPORTABLE COMPONENTS CAN BE FOUND IN SECTION III COMPOSITION

SARA 313 HAZARDOUS CATEGORIZATION

| | |
|----------------------------------|-----|
| ACUTE HEALTH HAZRD | YES |
| CHRONIC HEALTH HAZARD | YES |
| FIRE HAZARD | YES |
| SUDDEN RELEASE OF PRESSURE HAZRD | NO |
| REACTIVE HAZRD | NO |

STATE REGULATIONS: CALIFORNIA PROPOSITION 65

WARNING: THIS MATERIAL CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 REQUIRES THAT CLEAR AND REASONABLE WARNING BE GIVEN PRIOR TO EXPOSING ANY PERSON TO THIS CHEMICAL

===== SECTION XVI - OTHER INFORMATION =====

THE INFORMATION IN THIS MSDS AND ENVIRONMENTAL DATA SHEET WAS OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, REGARDING ITS ACCURACY OR COMPLETENESS. RECIPIENTS ARE ADVISED TO CONFIRM THE CURRENT ACCURACY IN ADVANCE OF NEEDS.

S A F E T Y D A T A S H E E T

ELS-101 MEDIUM OAK STAIN (SUL-702)

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===== SECTION I - IDENTIFICATION OF MATERIAL AND SUPPLIER =====

PRODUCT NAME: ELS-101 MEDIUM OAK STAIN (SUL-702)
PRODUCT CODE: 19-7-101

MANUFACTURER'S NAME: R. J. McGLENNON CO. INC.
ADDRESS : 198 UTAH ST.
SAN FRANCISCO, CA 94103

EMERGENCY PHONE : (800)424-9300
INFORMATION PHONE : (415)552-0311
DATE PRINTED : 09/10/15

===== SECTION II - HAZARDOUS IDENTIFICATION =====

OSHA REGULATORY STATUS

THIS CHEMICAL IS CONSIDERED HAZARDOUS BY THE 2012 OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

| | |
|--|------------------|
| ACUTE TOXICITY - ORAL | CATEGORY 4 H302 |
| ACUTE TOXICITY - DERMAL | CATEGORY 4 H312 |
| ACUTE TOXICITY - INHALATION (VAPORS) | CATEGORY 4 H332 |
| SKIN CORROSION/IRRITATION | CATEGORY 2 H315 |
| SERIOUS EYE DAMAGE/EYE IRRITATION | CATEGORY 2B H320 |
| CARCINOGENICITY | CATEGORY 2 H351 |
| REPRODUCTIVE TOXICITY | CATEGORY 2 H361 |
| SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) | CATEGORY 2 H373 |
| CHRONIC AQUATIC TOXICITY | CATEGORY 3 H412 |
| FLAMMABLE LIQUIDS | CATEGORY 2 H225 |
| FLAMMABLE LIQUIDS | CATEGORY 3 H226 |
| SLOT, SINGLE EXPOSURE | CATEGORY 3 H335 |
| EYE IRRITATION | CATEGORY 2 H319 |

LABEL ELEMENTS

- HEALTH HAZARD
- FLAME
- EXCLAMATION MARK

EMERGENCY OVERVIEW STATEMENTS

HAZARD STATEMENTS

HARMFUL IF SWALLOWED
HARMFUL IF INHALED
CAUSES SKIN IRRITATION
CAUSES EYE IRRITATION
SUSPECTED OF CAUSING CANCER
SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD
MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM THROUGH PROLONGED OR REPEATED EXPOSURE
HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS
FLAMMABLE LIQUID AND VAPOR

PRECAUTIONARY STATEMENTS - PREVENTION

OBTAIN SPECIAL INSTRUCTIONS BEFORE USE
DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD
USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED
USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA

S A F E T Y D A T A S H E E T

ELS-101 MEDIUM OAK STAIN (SUL-702)

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WASH FACE, HANDS AND ANY EXPOSED SKIN THOROUGHLY AFTER HANDLING
DO NOT BREATHE MIST, VAPORS, SPRAY
KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING
KEEP CONTAINER TIGHTLY CLOSED
GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT
USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING EQUIPMENT
USE ONLY NON-SPARKING TOOLS
TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE
AVOID RELEASE TO THE ENVIRONMENT

PRECAUTIONARY STATEMENTS - RESPONSE

IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION
IF IN EYES: REINSE CAUTIONASLY WITH WATER FOR SEVERAL MINUTES. REMOVED CONTACT LENSES, IF PRESENTS AND EASY TO DO.
CONTINUE RINSING IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION
CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL
IF SIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION
IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER
WASH CONTAMINATED CLOTHING BEFORE REUSE
IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING
IN CASE OF FIRE: USE CO2, DRY CHEMICAL, OR FOAM TO EXTINGUISH

PRECAUTIONARY STATEMENTS - STORAGE

STORE IN A WELL-VENTILATED PLACE. KEEP COOL

PRECAUTIONARY STATEMENTS - DISPOSAL

DISPOSE OF CONTENTS/CONTAINER TO INDUSTRIAL INCINERATION PLANT
DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

HAZARDS NOT OTHERWISE CLASSIFIED OTHER INFORMATION

REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS AND CRACKING

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) OTHER INFORMATION

REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS AND CRACKING

===== SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS =====

| REPORTABLE COMPONENTS | CAS NUMBER | WEIGHT PERCENT |
|--|------------|----------------|
| ACETONE | 67-64-1 | 74.5 |
| AROMATIC HYDROCARBON | 64742-94-5 | 5.0 |
| * Consitiuent of Dye color (organic cobalt compound) | N096 | .15 |

* Indicates this product contains EPCRA section 313 chemical(s) subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).
This information must be included in all MSDS's that are copied and distributed for this material. WARNING: This product contains a chemical known to the state of California to cause cancer, birth defects, or other reproductive harm.

WARNING: This product contains flammable solvent(s).

===== SECTION IV - FIRST-AID MEASURES =====

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ELS-101 MEDIUM OAK STAIN (SUL-702)

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OSHA STEL : 1000 ppm
AROMATIC HYDROCARBON 64742-94-5
OSHA PEL EXPOSURE LIMIT: 10 ppm
ACGIH TLV EXPOSURE LIMIT: 10 ppm
OTHER EXPOSURE LIMIT: N/A
* Constituent of Dye color (organic cobalt compound) N096
Oral LD50 > 5000 mg/kg (Rats)

RESPIRATORY PROTECTION

IF WORKPLACE EXPOSURE LIMITS(S) OF PRODUCT OR ANY COMPONENT IS EXCEEDED (SEE SECTION II), A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS (CHEMICAL TYPE WITH ORGANIC VAPOR CARTRIDGE) - CONSULT YOUR INDUSTRIAL HYGIENIST.

VENTILATION

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN ALL SECTION II COMPONENTS BELOW THEIR EXPOSURE LIMITS.

PROTECTIVE GLOVES

WEAR RESISTANT GLOVES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

EYE PROTECTION

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

EYE BATH AND SAFETY SHOWER. TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING, GLOVES, AND BOOTS.

WORK/HYGIENIC PRACTICES

WASH HANDS PRIOR TO EATING. DO NOT SMOKE NEAR THIS PRODUCT.

===== SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES =====

BOILING RANGE: 133 Deg F - 350 Deg F SPECIFIC GRAVITY (H2O=1): .84
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
SOLUBILITY IN WATER: NEGLIGIBLE
APPEARANCE AND ODOR: TRANSULECENT LIQUID WITH HYDROCARBON SOLVENT ODOR

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE | |
|--|------------|----------------|----------|
| | | MM HG | @ TEMP |
| ACETONE | 67-64-1 | 185.0 | 68 Deg F |
| AROMATIC HYDROCARBON | 64742-94-5 | 5 | 100 DegF |
| * Constituent of Dye color (organic cobalt compound) | N096 | | |

===== SECTION X - STABILITY AND REACTIVITY =====

STABILITY

STABLE UNDER NORMAL CONDITIONS

CONDITIONS TO AVOID

ALL SOURCES OF IGNITION: HEAT, SPARKS, STATIC ELECTRICITY, OPEN FLAMES

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID CONTACT WITH: STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CARBON DIOXIDE, CARBON MONOXIDE, HYDROCARBON COMPOUNDS

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

===== SECTION XI - TOXICOLOGICAL INFORMATION =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INHALATION: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION. OTHER INHALATION SYMPTONS CAN INCLUDE NAUSEA, DIZZINESS, HEADACHE.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN: EXPOSURE CAUSES SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE MAY DRY SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING, AND CRACKING. EYES: PRIMARY IRRITATION. SYMPTOMS INCLUDE STINGING, TEARING, REDNESS.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN ABSORPTION IS POSSIBLE, AND MAY BE HARMFUL. BUT HARMFUL EFFECTS ARE NOT EXPECTED FROM INCIDENTAL CONTACT THROUGH NORMAL USE.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SWALLOWING IS HARMFUL. SYMPTOMS INCLUDE GASTROINTESTINAL IRRITATION (NAUSEA, VOMITING, DIARRHEA).

HEALTH HAZARDS (ACUTE AND CHRONIC)

NONE KNOWN ON PRODUCT AS SUPPLIED

HOWEVER, OVER EXPOSURE TO SECTION II COMPONENTS CAN CAUSE DIZZINESS, NAUSEA OR HEADACHE. EXCESSIVE SKIN CONTACT CAN CAUSE DERMATITUS. EYE CONTACT CAN CAUSE IRRITATION.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: Notes OSHA REGULATED: No

Note: The IARC (International Agency for Research on Cancer) has classified cobalt compounds in Group 2B, possibly carcinogenic to humans. IARC concluded that evidence of carcinogenicity from human health studies was inadequate, and based the classification on animal and other relevant data.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

OVER EXPOSURE TO SECTION II COMPONENTS CAN AGGRAVATE PRE-EXISTING DISORDERS OF KIDNEYS, LIVER AND RESPIRATORY SYSTEM.

===== SECTION XII - ECOLOGICAL INFORMATION =====

ECOLOGICAL INFORMATION: NO RELEVANT DATA FOUND
MOBILITY IN SOIL: NO RELEVANT DATA FOUND
OTHER ADVERSE EFFECTS: NO RELEVANT DATA FOUND

===== SECTION XIII - DISPOSAL CONSIDERATION =====

WASTE DISPOSAL METHOD

HAZARDOUS WASTE REGULATIONS ARE NOT CONSISTENT THROUGHOUT THE COUNTRY (SOME WASTES ARE NOT HAZARDOUS WASTE UNDER FEDERAL RULES, BUT THE SAME WASTE MAY BE DEFINED AS HAZARDOUS WASTE UNDER STATE RULES).

ANY SPILLS SHOULD BE SOAKED UP WITH INERT ABSORBANT AND COLLECTED IN CONTAINERS. PAINT BOOTH FILTERS MAY BE CONSIDERED HAZARDOUS.

CONTACT YOUR LOCAL HAZARDOUS WASTE AGENCY (WITH INFORMATION FROM THIS MSDS) FOR PROPER DISPOSAL INSTRUCTIONS.

===== SECTION XIV - TRANSPORT INFORMATION =====

DOT / TDG / MEX

| | |
|----------------------|--------|
| UN-NO | UN1263 |
| PROPER SHIPPING NAME | PAINT |
| HAZARD CLASS | 3 |
| PACKING GROUP | II |
| NAERG: | 127 |

IATA / IMDG / IMO

| | |
|----------------------|--------|
| UN-NO | UN1263 |
| PROPER SHIPPING NAME | PAINT |
| HAZARD CLASS | 3 |
| PACKING GROUP | PGII |

S A F E T Y D A T A S H E E T

ELS-101 MEDIUM OAK STAIN (SUL-702)

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| | |
|----------------------|----------|
| PACKING INSTRUCTIONS | 355;366 |
| NAERG: | 127 |
| EMS-NO | F-E, S-E |

===== SECTION XV - REGULATORY INFORMATION =====

SARA 313 REPORTABLE COMPONENTS CAN BE FOUND IN SECTION III COMPOSITION

SARA 313 HAZARDOUS CATEGORIZATION

| | |
|----------------------------------|-----|
| ACUTE HEALTH HAZRD | YES |
| CHRONIC HEALTH HAZARD | YES |
| FIRE HAZARD | YES |
| SUDDEN RELEASE OF PRESSURE HAZRD | NO |
| REACTIVE HAZRD | NO |

STATE REGULATIONS: CALIFORNIA PROPOSITION 65

WARNING: THIS MATERIAL CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 REQUIRES THAT CLEAR AND REASONABLE WARNING BE GIVEN PRIOR TO EXPOSING ANY PERSON TO THIS CHEMICAL

===== SECTION XVI - OTHER INFORMATION =====

THE INFORMATION IN THIS MSDS AND ENVIRONMENTAL DATA SHEET WAS OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, REGARDING ITS ACCURACY OR COMPLETENESS. RECIPIENTS ARE ADVISED TO CONFIRM THE CURRENT ACCURACY IN ADVANCE OF NEEDS.

S A F E T Y D A T A S H E E T

ELS-103 DARK OAK STAIN (SUL-705)

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===== SECTION I - IDENTIFICATION OF MATERIAL AND SUPPLIER =====

PRODUCT NAME: ELS-103 DARK OAK STAIN (SUL-705)
PRODUCT CODE: 19-7-103

MANUFACTURER'S NAME: R. J. McGLENNON CO. INC.
ADDRESS : 198 UTAH ST.
SAN FRANCISCO, CA 94103

EMERGENCY PHONE : (800)424-9300
INFORMATION PHONE : (415)552-0311
DATE PRINTED : 09/10/15

===== SECTION II - HAZARDOUS IDENTIFICATION =====

OSHA REGULATORY STATUS

THIS CHEMICAL IS CONSIDERED HAZARDOUS BY THE 2012 OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

| | |
|--|------------------|
| ACUTE TOXICITY - ORAL | CATEGORY 4 H302 |
| ACUTE TOXICITY - DERMAL | CATEGORY 4 H312 |
| ACUTE TOXICITY - INHALATION (VAPORS) | CATEGORY 4 H332 |
| SKIN CORROSION/IRRITATION | CATEGORY 2 H315 |
| SERIOUS EYE DAMAGE/EYE IRRITATION | CATEGORY 2B H320 |
| CARCINOGENICITY | CATEGORY 2 H351 |
| REPRODUCTIVE TOXICITY | CATEGORY 2 H361 |
| SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) | CATEGORY 2 H373 |
| CHRONIC AQUATIC TOXICITY | CATEGORY 3 H412 |
| FLAMMABLE LIQUIDS | CATEGORY 2 H225 |
| FLAMMABLE LIQUIDS | CATEGORY 3 H226 |
| SLOT, SINGLE EXPOSURE | CATEGORY 3 H335 |
| EYE IRRITATION | CATEGORY 2 H319 |

LABEL ELEMENTS

- HEALTH HAZARD
- FLAME
- EXCLAMATION MARK

EMERGENCY OVERVIEW STATEMENTS

HAZARD STATEMENTS

HARMFUL IF SWALLOWED
HARMFUL IF INHALED
CAUSES SKIN IRRITATION
CAUSES EYE IRRITATION
SUSPECTED OF CAUSING CANCER
SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD
MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM THROUGH PROLONGED OR REPEATED EXPOSURE
HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS
FLAMMABLE LIQUID AND VAPOR

PRECAUTIONARY STATEMENTS - PREVENTION

OBTAIN SPECIAL INSTRUCTIONS BEFORE USE
DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD
USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED
USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA

S A F E T Y D A T A S H E E T

ELS-103 DARK OAK STAIN (SUL-705)

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WASH FACE, HANDS AND ANY EXPOSED SKIN THOROUGHLY AFTER HANDLING
DO NOT BREATHE MIST, VAPORS, SPRAY
KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING
KEEP CONTAINER TIGHTLY CLOSED
GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT
USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING EQUIPMENT
USE ONLY NON-SPARKING TOOLS
TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE
AVOID RELEASE TO THE ENVIRONMENT

PRECAUTIONARY STATEMENTS - RESPONSE
IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION
IF IN EYES: RINSE CAUTIONASLY WITH WATER FOR SEVERAL MINUTES. REMOVED CONTACT LENSES, IF PRESENTS AND EASY TO DO.
CONTINUE RINSING IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION
CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL
IF SIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION
IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER
WASH CONTAMINATED CLOTHING BEFORE REUSE
IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING
IN CASE OF FIRE: USE CO2, DRY CHEMICAL, OR FOAM TO EXTINGUISH

PRECAUTIONARY STATEMENTS - STORAGE
STORE IN A WELL-VENTILATED PLACE. KEEP COOL

PRECAUTIONARY STATEMENTS - DISPOSAL
DISPOSE OF CONTENTS/CONTAINER TO INDUSTRIAL INCINERATION PLANT
DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

HAZARDS NOT OTHERWISE CLASSIFIED OTHER INFORMATION
REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS AND CRACKING

HAZARDS NOT OTHERWISE CLASSIFIED (HNO) OTHER INFORMATION
REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS AND CRACKING

===== SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS =====

| REPORTABLE COMPONENTS | CAS NUMBER | WEIGHT PERCENT |
|--|------------|----------------|
| ACETONE | 67-64-1 | 69.0 |
| AROMATIC HYDROCARBON | 64742-94-5 | 4.5 |
| * Constituent of Dye color (organic cobalt compound) | N096 | .25 |

* Indicates this product contains EPCRA section 313 chemical(s) subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).
This information must be included in all MSDS's that are copied and distributed for this material. WARNING: This product contains a chemical known to the state of California to cause cancer, birth defects, or other reproductive harm.

WARNING: This product contains flammable solvent(s).

===== SECTION IV - FIRST-AID MEASURES =====

IF ON SKIN: FLUSH EXPOSED AREA WITH LARGE AMOUNTS OF WATER. IF ANY IRRITATION DEVELOPS SEEK MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING. LAUNDRY CLOTHING BEFORE REUSE.

IF IN EYES: FLUSH WITH WATER WHILE HOLDING EYELIDS OPEN. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

FOR INHALATION, REMOVE TO FRESH AIR, AND IF NAUSEA OR DIZZINESS DEVELOPS, SEEK MEDICAL ATTENTION.

IF SWALLOWED DO NOT INDUCE VOMITTING (MATERIAL COMPONENTS PRESENT AN ASPIRATION HAZARD) PLACE PERSON ON LEFT SIDE AND SEEK MEDICAL ATTENTION.

===== SECTION V - FIRE-FIGHTING MEASURES =====

FLASH POINT: 15 Deg.F. METHOD USED: SETAFLASH
FLAMMABLE LIMITS IN AIR BY % OF VOLUME- LOWER: 1.0% UPPER: 12.8%

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

WEAR A SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WITH APPROPRIATE TURN-OUT GEAR AND CHEMICAL RESISTANT PERSONAL PROTECTIVE EQUIPMENT.

UNUSUAL FIRE AND EXPLOSION HAZARDS

NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY. STATICALLY BOND (GROUND) ALL METAL CONTAINERS DURING LIQUID TRANSFER TO PREVENT STATIC ELECTRICITY DISCHARGE.

===== SECTION VI - ACCIDENTAL RELEASE MEASURE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

SMALL SPILL: ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL.

LARGE SPILL: ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES, INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS), PREVENT SPREAD OF MATERIAL.

===== SECTION VII - HANDLING AND STORAGE =====

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

DO NOT STORE ABOVE 120 DEG.F. DO NOT STORE OR USE NEAR HEAT, SPARKS, OPEN FLAMES, OR ANY SOURCE OF IGNITION. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS EVEN WHEN EMPTIED-SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPORS, LIQUID, AND/OR SOLID). ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.

OTHER PRECAUTIONS

AVOID SKIN AND EYE CONTACT. DO NOT BREATHE VAPORS. DO NOT TAKE INTERNALLY. USE ONLY WITH ADEQUATE VENTILATION. RAGS SOAKED WITH THIS MATERIAL SHOULD BE SOAKED WITH WATER AND STORED IN A CLOSED CONTAINER SO AS TO PREVENT DEVELOPMENT OF HEAT OR FIRE FROM BUNCHED RAGS. ALL PERSONS WHO USE THIS MATERIAL SHOULD READ AND UNDERSTAND ALL MANUFACTURERS' INSTRUCTIONS AND PRECAUTIONS PRIOR TO USE. THIS MATERIAL IS INTENDED FOR USE IN AN INDUSTRIAL ENVIRONMENT BY TRAINED PERSONNEL ONLY.

===== SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION=====

EXPOSURE LIMITS ON
REPORTABLE COMPONENTS

CAS NUMBER

ACETONE

67-64-1

OSHA PEL EXPOSURE LIMIT: 750 ppm - TWA
ACGIH TLV EXPOSURE LIMIT: 750 ppm - TWA

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OSHA STEL : 1000 ppm
AROMATIC HYDROCARBON 64742-94-5
OSHA PEL EXPOSURE LIMIT: 10 ppm
ACGIH TLV EXPOSURE LIMIT: 10 ppm
OTHER EXPOSURE LIMIT: N/A
* Constituent of Dye color (organic cobalt compound) N096
Oral LD50 > 5000 mg/kg (Rats)

RESPIRATORY PROTECTION

IF WORKPLACE EXPOSURE LIMITS(S) OF PRODUCT OR ANY COMPONENT IS EXCEEDED (SEE SECTION II), A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS (CHEMICAL TYPE WITH ORGANIC VAPOR CARTRIDGE) - CONSULT YOUR INDUSTRIAL HYGIENIST.

VENTILATION

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN ALL SECTION II COMPONENTS BELOW THEIR EXPOSURE LIMITS.

PROTECTIVE GLOVES

WEAR RESISTANT GLOVES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

EYE PROTECTION

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

EYE BATH AND SAFETY SHOWER. TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING, GLOVES, AND BOOTS.

WORK/HYGIENIC PRACTICES

WASH HANDS PRIOR TO EATING. DO NOT SMOKE NEAR THIS PRODUCT.

===== SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES =====

BOILING RANGE: 133 Deg F - 350 Deg F **SPECIFIC GRAVITY (H2O=1):** .86
VAPOR DENSITY: HEAVIER THAN AIR **EVAPORATION RATE:** SLOWER THAN ETHER
SOLUBILITY IN WATER: NEGLIGIBLE
APPEARANCE AND ODOR: TRANSULECENT LIQUID WITH HYDROCARBON SOLVENT ODOR

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE | |
|--|------------|----------------|----------|
| | | MM HG | @ TEMP |
| ACETONE | 67-64-1 | 185.0 | 68 Deg F |
| AROMATIC HYDROCARBON | 64742-94-5 | 5 | 100 DegF |
| * Constituent of Dye color (organic cobalt compound) | N096 | | |

===== SECTION X - STABILITY AND REACTIVITY =====

STABILITY

STABLE UNDER NORMAL CONDITIONS

CONDITIONS TO AVOID

ALL SOURCES OF IGNITION: HEAT, SPARKS, STATIC ELECTRICITY, OPEN FLAMES

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID CONTACT WITH: STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CARBON DIOXIDE, CARBON MONOXIDE, HYDROCARBON COMPOUNDS

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

===== SECTION XI - TOXICOLOGICAL INFORMATION =====

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INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INHALATION: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION. OTHER INHALATION SYMPTONS CAN INCLUDE NAUSEA, DIZZINESS, HEADACHE.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN: EXPOSURE CAUSES SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE MAY DRY SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING, AND CRACKING. EYES: PRIMARY IRRITATION. SYMPTOMS INCLUDE STINGING, TEARING, REDNESS.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN ABSORPTION IS POSSIBLE, AND MAY BE HARMFUL. BUT HARMFUL EFFECTS ARE NOT EXPECTED FROM INCIDENTAL CONTACT THROUGH NORMAL USE.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SWALLOWING IS HARMFUL. SYMPTOMS INCLUDE GASTROINTESTINAL IRRITATION (NAUSEA, VOMITING, DIARRHEA).

HEALTH HAZARDS (ACUTE AND CHRONIC)

NONE KNOWN ON PRODUCT AS SUPPLIED

HOWEVER, OVER EXPOSURE TO SECTION II COMPONENTS CAN CAUSE DIZZINESS, NAUSEA OR HEADACHE. EXCESSIVE SKIN CONTACT CAN CAUSE DERMATITUS. EYE CONTACT CAN CAUSE IRRITATION.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: Notes OSHA REGULATED: No

Note: The IARC (International Agency for Research on Cancer) has classified cobalt compounds in Group 2B, possibly carcinogenic to humans. IARC concluded that evidence of carcinogenicity from human health studies was inadequate, and based the classification on animal and other relevant data.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

OVER EXPOSURE TO SECTION II COMPONENTS CAN AGGRAVATE PRE-EXISTING DISORDERS OF KIDNEYS, LIVER AND RESPIRATORY SYSTEM.

===== SECTION XII - ECOLOGICAL INFORMATION =====

ECOLOGICAL INFORMATION: NO RELEVANT DATA FOUND
MOBILITY IN SOIL: NO RELEVANT DATA FOUND
OTHER ADVERSE EFFECTS: NO RELEVANT DATA FOUND

===== SECTION XIII - DISPOSAL CONSIDERATION =====

WASTE DISPOSAL METHOD

HAZARDOUS WASTE REGULATIONS ARE NOT CONSISTENT THROUGHOUT THE COUNTRY (SOME WASTES ARE NOT HAZARDOUS WASTE UNDER FEDERAL RULES, BUT THE SAME WASTE MAY BE DEFINED AS HAZARDOUS WASTE UNDER STATE RULES).

ANY SPILLS SHOULD BE SOAKED UP WITH INERT ABSORBANT AND COLLECTED IN CONTAINERS. PAINT BOOTH FILTERS MAY BE CONSIDERED HAZARDOUS.

CONTACT YOUR LOCAL HAZARDOUS WASTE AGENCY (WITH INFORMATION FROM THIS MSDS) FOR PROPER DISPOSAL INSTRUCTIONS.

===== SECTION XIV - TRANSPORT INFORMATION =====

DOT / TDG / MEX

| | |
|----------------------|--------|
| UN-NO | UN1263 |
| PROPER SHIPPING NAME | PAINT |
| HAZARD CLASS | 3 |
| PACKING GROUP | II |
| NAERG: | 127 |

IATA / IMDG / IMO

| | |
|----------------------|--------|
| UN-NO | UN1263 |
| PROPER SHIPPING NAME | PAINT |
| HAZARD CLASS | 3 |
| PACKING GROUP | PGII |

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| | |
|----------------------|----------|
| PACKING INSTRUCTIONS | 355;366 |
| NAERG: | 127 |
| EMS-NO | F-E, S-E |

===== SECTION XV - REGULATORY INFORMATION =====

SARA 313 REPORTABLE COMPONENTS CAN BE FOUND IN SECTION III COMPOSITION

SARA 313 HAZARDOUS CATEGORIZATION

| | |
|----------------------------------|-----|
| ACUTE HEALTH HAZRD | YES |
| CHRONIC HEALTH HAZARD | YES |
| FIRE HAZARD | YES |
| SUDDEN RELEASE OF PRESSURE HAZRD | NO |
| REACTIVE HAZRD | NO |

STATE REGULATIONS: CALIFORNIA PROPOSITION 65

WARNING: THIS MATERIAL CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 REQUIRES THAT CLEAR AND REASONABLE WARNING BE GIVEN PRIOR TO EXPOSING ANY PERSON TO THIS CHEMICAL

===== SECTION XVI - OTHER INFORMATION =====

THE INFORMATION IN THIS MSDS AND ENVIRONMENTAL DATA SHEET WAS OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, REGARDING ITS ACCURACY OR COMPLETENESS. RECIPIENTS ARE ADVISED TO CONFIRM THE CURRENT ACCURACY IN ADVANCE OF NEEDS.

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Hardwood Plywood (various)

SECTION 1: Identification of the substance/mixture and of the supplier

Product name: Hardwood Plywood (various)
Manufacturer/Supplier Trade name: SkyPly, RediBead, RediPly, RediFinish
Hardwood Plywood, Hardwood Plywood
with UV coating, Hardwood Plywood SWPW core, Plywood and Composite Panels

Recommended uses of the product and restrictions on use: Building Material - Decorative, Industrial

Manufacturer Details:

Roseburg Forest Products
P.O. Box 1088
Roseburg, Oregon 97470
(541) 679-3311

Supplier Details:

N/A

Emergency telephone number:

Roseburg: 541-679-3311

SECTION 2: Hazards identification

Classification of the substance or mixture:

Not classified for physical or health hazards under GHS. Hazards Not Otherwise Classified - Combustible Dust.

Hazard statements:

Precautionary statements:

If medical advice is needed, have product container or label at hand.
Read label before use.

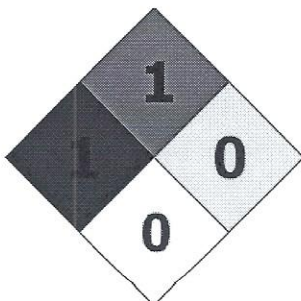
Other Non-GHS Classification:

WHMIS

D2A



NFPA/HMIS



NFPA SCALE (0-4)

| | |
|---------------------|---|
| Health | 1 |
| Flammability | 1 |
| Physical Hazard | 0 |
| Personal Protection | X |

HMIS RATINGS (0-4)

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Hardwood Plywood (various)

Ingredients:

| | | |
|---------------------------|---------------------------|---------|
| CAS n/a | Wood | 93-95 % |
| CAS N/A | UF Resin | 3-7 % |
| CAS N/A | UV Filler | <2 % |
| CAS 9003-35-4 | Phenol Formaldehyde Resin | <3 % |
| Percentages are by weight | | |

SECTION 4: First aid measures

Description of first aid measures

After inhalation: Get medical assistance if cough or other symptoms appear.

After skin contact: Rinse/flush exposed skin gently using soap and water for 15-20 minutes. Seek medical advice if discomfort or irritation persists. Wood dust of certain species may elicit allergic contact dermatitis in sensitized individuals and can cause mechanical irritation. Wash affected areas with soap and water. Seek medical attention if rash, irritation or dermatitis persists.

After eye contact: Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

After swallowing: None

Most important symptoms and effects, both acute and delayed:

Repeated exposure skin sensitization possible.

Indication of any immediate medical attention and special treatment needed:

If seeking medical attention, provide SDS document to physician. Physician should treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing agents: Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition. Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents: None

Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors. FIRE can result in carbon dioxide, carbon monoxide, oxides of nitrogen, aldehydes, cyanides and other hazardous gases and particles. Fine wood dust may be generated with the chips are ground or further machined. Fine wood dust can be explosive in the presence of an ignition source depending on particle size and moisture content. Airborne concentrations of 40 grams per cubic meter are often used as the lower explosive limit (LEL) for wood dusts. OSHA interprets the explosive level as having no visibility within five feet or less.

Advice for firefighters:

Protective equipment: Use NIOSH-approved respiratory protection/breathing apparatus.

Additional information (precautions): Move product containers away from fire or keep cool with water spray as a protective measure, where feasible. Use spark-proof tools and explosion-proof equipment. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

Hardwood Plywood (various)

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Use spark-proof tools and explosion-proof equipment. Ensure adequate ventilation.

Environmental precautions:

None

Methods and material for containment and cleaning up:

Wood dust generated from sawing, sanding, or machining may be vacuumed or shoveled for recovery or disposal. Avoid dusty conditions and provide good ventilation. Use NIOSH/MSHA-approved respiratory protection and goggles where exposure limits may be exceeded. Wear protective eyewear, gloves, and clothing. Refer to Section 8. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

Reference to other sections:

None

SECTION 7: Handling and storage

Precautions for safe handling:

Minimize dust generation and accumulation. Follow good hygiene procedures when handling chemical materials. Refer to Section 8.

Conditions for safe storage, including any incompatibilities:

Store away from incompatible materials. Protect from freezing and physical damage. Keep away from food and beverages. Provide ventilation for containers. Avoid storage near extreme heat, ignition sources or open flame. Store in cool, dry conditions in well-sealed containers. Store with like hazards.

SECTION 8: Exposure controls/personal protection



Control Parameters:

n/a, Wood Dust, OSHA PEL TWA (Total Dust) 15 mg/m3 (50 mppcf*).
n/a, Wood Dust, ACGIH TLV TWA (inhalable particles) 1 mg/m3.
50-00-0, Formaldehyde, OSHA PEL TWA 0.75 ppm.
50-00-0, Formaldehyde, ACGIH TLV STEL 0.3 ppm.

Appropriate Engineering controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor or dusts (total/respirable) below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Respiratory protection:

Not required under normal conditions of use.

Protection of skin:

Wear protective clothing. Protective Gloves: Cloth, canvas or leather gloves are recommended for protection against mechanical irritation or wood splinters.

Eye protection:

Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses or goggles are appropriate eye protection.

General hygienic measures:

Avoid contact with skin, eyes, and clothing.

SECTION 9: Physical and chemical properties

| | | | |
|----------------------|--|------------------------|----------------|
| Appearance (physical | | Explosion limit lower: | Not determined |
|----------------------|--|------------------------|----------------|

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Hardwood Plywood (various)

| | | | |
|--------------------------------------|----------------|---|--|
| Odor: | Not Determined | Vapor pressure: | Not determined |
| Odor threshold: | Not determined | Vapor density: | Not determined |
| pH-value: | Not Determined | Relative density: | Not determined |
| Melting/Freezing point: | Not determined | Solubilities: | <0.1% in water. |
| Boiling point/Boiling range: | Not determined | Partition coefficient (n-octanol/water): | Not determined |
| Flash point (closed cup): | Not determined | Auto/Self-ignition temperature: | Not determined |
| Evaporation rate: | Not determined | Decomposition temperature: | Not determined |
| Flammability (solid,gaseous): | Not determined | Viscosity: | a. Kinematic: Not determined b. Dynamic: Not determined |
| Density: Not determined | | | |

SECTION 10: Stability and reactivity

Reactivity: Nonreactive under normal conditions.

Chemical stability: Stable under normal conditions.

Possible hazardous reactions: None under normal processing.

Conditions to avoid: Incompatible Materials. Avoid open flame. Product may ignite at temperatures in excess of 400F (204C).

Incompatible materials: Concentrated acids or bases will alter the product.

Hazardous decomposition products: Thermal and/or thermal-oxidative decomposition can produce irritating toxic fumes and gases, including carbon monoxide, carbon dioxide, phenol, formaldehyde, sulfur oxides, nitrogen oxides, and hazardous particles.

SECTION 11: Toxicological information

| | |
|---|---|
| Acute Toxicity: No additional information. | |
| Chronic Toxicity: No additional information. | |
| Corrosion Irritation: No additional information. | |
| Sensitization: | No additional information. |
| Single Target Organ (STOT): | No additional information. |
| Numerical Measures: | No additional information. |
| Carcinogenicity: | Wood Dust: Wood Dust Carcinogenicity Listing: Wood dust is listed by NTP known to be a Human Carcinogen (10th Report), IARC Monographs: Wood dust, Group 1 - IARC Group 1: Carcinogenic to humans; sufficient evidence of carcinogenicity. This classification is primarily based on studies showing an association between occupational exposure to wood dust and adenocarcinoma of the nasal cavities and paranasal sinuses. IARC did not find sufficient evidence of an association between occupational exposure to wood dust and cancers of the hypopharynx, oropharynx, lymphatic and hematopoietic systems, lungs, stomach, colon or rectum. |

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Hardwood Plywood (various)

| | |
|-------------------------------|----------------------------|
| Reproductive Toxicity: | No additional information. |
|-------------------------------|----------------------------|

SECTION 12: Ecological information

Eco toxicity: None
Persistence and degradability: None
Bio accumulative potential: None
Mobility in soil: None
Other adverse effects: None

SECTION 13: Disposal considerations

Waste disposal recommendations:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11).

SECTION 14: Transport information

UN-Number

Not Regulated.

UN proper shipping name

Not Regulated.

Transport hazard class(es)

Packing group: Not Regulated

Environmental hazard: None

Transport in bulk:

Special precautions for user: None

SECTION 15: Regulatory information

United States (USA)

SARA Section 311/312 (Specific toxic chemical listings):

Acute, Chronic

SARA Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

RCRA (hazardous waste code):

None of the ingredients are listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):

50-00-0 Formaldehyde 260 lbs.

Proposition 65 (California):

Chemicals known to cause cancer:

n/a Wood Dust

Chemicals known to cause reproductive toxicity for females:

Hardwood Plywood (various)

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

67-56-1 Methanol

California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): Title 22 California Code of Regulations requires that a clear and reasonable warning be given before exposure to chemicals listed by the State of California as causing cancer or reproductive toxicity. Formaldehyde, wood dust and Titanium dioxide are on California's list of chemicals known to the State to cause cancer.

⚠WARNING

Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. This product can expose you to chemicals including methanol, which is known to the State of California to cause birth defects or other reproductive harm. Avoid inhaling dust generated from wood products or use a dust mask or other safeguards for personal protection. For more information, go to www.P65Warnings.ca.gov

Canada

Canadian Domestic Substances List (DSL):

All ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 0.1%):

None of the ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 1%):

None of the ingredients are listed.

SECTION 16: Other information

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. Prop 65 WARNING: Drilling, sawing, sanding or machining wood products generates wood dust and other substances known to the State of California to cause cancer. Avoid inhaling dust generated from wood products or use a dust mask or other safeguards for personal protection. Note. The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

Note – All Roseburg Hardwood Plywood panels meet CARB Air Toxic Control Measure (ATCM) requirements and EPA TSCA Title VI requirements. SkyPly panels are produced with Ultra Low Emitting Formaldehyde (ULEF) resin systems.

GHS Full Text Phrases:

None

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

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Hardwood Plywood (various)

HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

CFR: Code of Federal Regulations (USA)

SARA: Superfund Amendments and Reauthorization Act (USA)

RCRA: Resource Conservation and Recovery Act (USA)

TSCA: Toxic Substances Control Act (USA)

NPRI: National Pollutant Release Inventory (Canada)

DOT: US Department of Transportation

Effective date: 10.24.2014

Last updated: 07.12.2018

Particleboard, Laminated or coated Particleboard, Laminated or coated MDF

SECTION 1: Identification of the substance/mixture and of the supplier

Product name: Particleboard, Laminated or coated
Particleboard, Laminated or coated MDF

Manufacturer/Supplier Trade name: Ultrablend, Ultrablend Lite, Ultrablend Plus,
Ultrablend Premium, Duramine, Skyblend,
Redishelf, Melagard

Manufacturer/Supplier Article number: Particleboard, Laminated or coated
Particleboard, Laminated or Coated MDF

Recommended uses of the product and uses restrictions on use: Construction, furniture, cabinetry

Manufacturer Details:

Roseburg Forest Products
P.O. Box 1088
Roseburg, Oregon 97470

Emergency telephone number:

Chemtrec: 1-800-424-9300

SECTION 2: Hazards identification

Classification of the substance or mixture:



May cause respiratory irritation.
May cause damage to organs.
Causes skin irritation.
Causes eye irritation.
May cause eye irritation.

Signal word: Warning

Hazard statements:

Precautionary statements:

If medical advice is needed, have product container or label at hand.
Do not eat, drink or smoke when using this product.
Do not breathe dust/fume/gas/mist/vapors/spray.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.
Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Store in a well ventilated place.

Combustible Dust Hazard:

Particleboard, Laminated or coated Particleboard, Laminated or coated MDF

Formaldehyde 50-0-0:

Under certain conditions, this product may release free formaldehyde vapors.

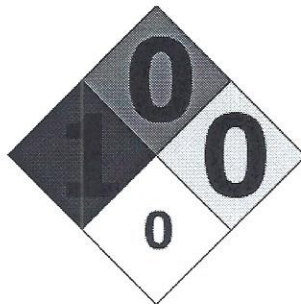
Other Non-GHS Classification:

WHMIS

D2A



NFPA/HMIS



NFPA SCALE (0-4)

| | |
|----------------------------|----------|
| Health | 1 |
| Flammability | 0 |
| Physical Hazard | 0 |
| Personal Protection | X |

HMIS RATINGS (0-4)

SECTION 3: Composition/information on ingredients

| Ingredients: | | |
|---------------------------|--------------------|-------------|
| CAS N/A | Wood | 80-90 % |
| CAS 108-78-1 | Melamine Topcoat* | <5 % |
| CAS 57-13-6 | Urea | Proprietary |
| CAS 50-00-0 | Formaldehyde | <0.1 % |
| CAS N/A | Cured Resin Solids | 5-15 % |
| Percentages are by weight | | |

*Melamine topcoat present in cured solid form only and only present on certain laminated products.

SECTION 4: First aid measures

Description of first aid measures

After inhalation: Loosen clothing as necessary and position individual in a comfortable position. Get medical assistance if cough or other symptoms appear.

After skin contact: Rinse/flush exposed skin gently using soap and water for 15-20 minutes. Seek medical advice if discomfort or irritation persists. Wood dust of certain species may elicit allergic contact dermatitis in sensitized individuals and can cause mechanical irritation. Wash affected areas with soap and water. Seek medical attention if rash, irritation or dermatitis persists.

After eye contact: Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes.

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Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

After swallowing:

Most important symptoms and effects, both acute and delayed:

Irritation, nausea, headache, shortness of breath.

Indication of any immediate medical attention and special treatment needed:

If seeking medical attention, provide SDS document to physician. Physician should treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing agents: Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition. Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents:

Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors.

Advice for firefighters:

Protective equipment: Use NIOSH-approved respiratory protection/breathing apparatus.

Additional information (precautions): Move product containers away from fire or keep cool with water spray as a protective measure, where feasible. Wood dust from sawing, sanding, or machining can be explosive in the presence of an ignition source depending on particle size and moisture content. Airborne concentrations of 40 grams per cubic meter are often used as the lower explosive limit (LEL) for wood dusts.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Ensure adequate ventilation.

Environmental precautions:

Methods and material for containment and cleaning up:

Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Collect solids in powder form using vacuum with (HEPA filter).

Reference to other sections:

SECTION 7: Handling and storage

Precautions for safe handling:

Minimize dust generation and accumulation. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with eyes, skin, and clothing.

Conditions for safe storage, including any incompatibilities:

Avoid storage near extreme heat, ignition sources or open flame.

SECTION 8: Exposure controls/personal protection

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Control Parameters:

N/A, Wood Solids, OSHA PEL 10 mg/m³ ; ACGIH TLVTWA 1 mg/m³
 N/A, Cured Resin Solids, OSHA PEL PNOS - 10 mg/m³ ; ACGIH TLVTWA 5 mg/m³
 108-78-1, Melamine, OSHA PEL 10 mg/m³ ; ACGIH TLVTWA 10 mg/m³
 50-0-0, Formaldehyde, OSHA PEL, 0.75 ppm

Appropriate Engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use/handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor or dusts (total/respirable) below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

Respiratory protection:

Not applicable for products in purchased form

Protection of skin:

Cloth, canvas or leather gloves are recommended for protection against mechanical irritation or wood splinters

Eye protection:

Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses or goggles are appropriate eye protection.

General hygienic measures:

Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing.

SECTION 9: Physical and chemical properties

| | | | |
|--|----------------|--|--|
| Appearance(physical state,color): | Solid | Explosion limit lower: Explosion limit upper: | Not determined Not determined |
| Odor: | Not Determined | Vapor pressure: | Not determined |
| Odor threshold: | Not determined | Vapor density: | Not determined |
| pH-value: | Not Determined | Relative density: | Not determined |
| Melting/Freezing point: | Not determined | Solubilities: | |
| Boiling point/Boiling range: | Not determined | Partition coefficient (n-octanol/water): | Not determined |
| Flash point (closed cup): | Not determined | Auto/Self-ignition temperature: | ~ 400 – 500 |
| Evaporation rate: | Not determined | Decomposition temperature: | Not determined |
| Flammability (solid,gaseous) | Not determined | Viscosity: | a. Kinematic: Not determined b. Dynamic: Not determined |

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Density: 0.40-0.80, variable depends on wood species and moisture

SECTION 10: Stability and reactivity

Reactivity: Nonreactive under normal conditions.

Chemical stability: Stable under normal conditions.

Possible hazardous reactions: None under normal processing.

Conditions to avoid: Product may ignite at temperatures in excess of 400 F (204 C).

Incompatible materials: Concentrated acids or bases will alter the product. Exposure to elevated temperatures or strong acids or bases will cause polymerization with evolution of formaldehyde, phenol and/or water.

Hazardous decomposition products: Thermal and/or thermal-oxidative decomposition can produce irritating toxic fumes and gases, including carbon monoxide, carbon dioxide, phenol, formaldehyde, sulfur oxides, nitrogen oxides, and hazardous particles.

SECTION 11: Toxicological information

| | |
|---|---|
| Acute Toxicity: No additional information. | |
| Chronic Toxicity: No additional information. | |
| Corrosion Irritation: No additional information. | |
| Sensitization: | No additional information. |
| Single Target Organ (STOT): | No additional information. |
| Numerical Measures: | No additional information. |
| Carcinogenicity: | Wood Dust: Wood dust is listed by NTP known to be a Human Carcinogen (10th Report), IARC Monographs: Wood dust, Group 1 - IARC Group 1: |
| Mutagenicity: | No additional information. |
| Reproductive Toxicity: | No additional information. |

SECTION 12: Ecological information

Eco toxicity

Ecological Information: No information available at this time. These wood products are not expected to pose an ecological hazard as a result of their intended use.

Persistence and degradability:

Bio accumulative potential:

Mobility in soil:

Other adverse effects:

SECTION 13: Disposal considerations

Waste disposal recommendations:

Follow safe solid waste disposal guidelines in accordance with federal, state and local regulations. If disposed of or discarded in its purchased form, incineration is the preferred method. Dry land disposal is acceptable in most states.

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UN-Number

Not Regulated.

UN proper shipping name

Not Regulated.

Transport hazard class(es)

Packing group: Not Regulated

Environmental hazard:

Transport in bulk:

Special precautions for user:

SECTION 15: Regulatory information

United States (USA)

SARA Section 311/312 (Specific toxic chemical listings):

Fire

SARA Section 313 (Specific toxic chemical listings):

N/A Wood Dust

50-0-0 Formaldehyde

RCRA (hazardous waste code):

None of the ingredients are listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):

50-0-0 Formaldehyde

Proposition 65 (California):

Chemicals known to cause cancer:

N/A WoodDust

50-0-0 Formaldehyde

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

67-56-1 Methanol

Additional Information:

California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): Title 22 California Code of Regulations requires that a clear and reasonable warning be given before exposure to chemicals listed by the State of California as causing cancer or reproductive toxicity. Formaldehyde and wood dust are on California's list of chemicals known to the State to cause cancer.

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In the State of California the following warning is required to be posted in the work areas where wood products are used:

⚠WARNING

Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. This product can expose you to chemicals including methanol, which is known to the State of California to cause birth defects or other reproductive harm. Avoid inhaling dust generated from wood products or use a dust mask or other safeguards for personal protection. For more information, go to www.P65Warnings.ca.gov

Canada**Canadian Domestic Substances List (DSL):**

50-0-0 Formaldehyde

Canadian NPRI Ingredient Disclosure list (limit 0.1%):

None of the ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 1%):

None of the ingredients are listed.

SECTION 16: Other information

Definition of Common Terms: ACGIH = American Conference of Governmental Industrial Hygienists C = Ceiling Limit CAS# = Chemical Abstracts System Number CARB = Consortium for Advanced Residential Buildings DOT =

U. S. Department of Transportation DSL = Domestic Substance List EC50 = Effective concentration that inhibits the endpoint to 50% of control population EPA = U.S. Environmental Protection Agency HMIS = Hazardous Materials Identification System IARC = International Agency for Research on Cancer LC50 = Concentration in air resulting in death to 50% of experimental animals LCLo = Lowest concentration in air resulting in death LD50 = Administered dose resulting in death to 50% of experimental animals LDLo = Lowest dose resulting in death LEL = Lower Explosive Limit NAP = Not Applicable NAV = Not Available NIOSH = National Institute for Occupational Safety and Health NFPA = National Fire Protection Association NPRI = Canadian National Pollution Release Inventory NTP = National Toxicology Program OSHA = Occupational Safety and Health Administration PEL = Permissible Exposure Limit RCRA = Resource Conservation and Recovery Act STEL = Short-Term Exposure Limit (15 minutes) STP = Standard Temperature and Pressure TLo = Lowest concentration in air resulting in a toxic effect TDG = Canadian Transportation of Dangerous Goods TDLo = Lowest dose resulting in a toxic effect TLV = Threshold Limit Value TSCA = Toxic Substance Control Act TWA = Time-Weighted Average (8 hours) UEL = Upper Explosive Limit WHMIS Workplace Hazardous Materials Information System.

Roseburg Forest Products believes the information contained in this MSDS to be accurate at the time of preparation and has been compiled using sources believed to be reliable. However, Roseburg Forest Products makes no warranty, either expressed or implied, concerning the accuracy or completeness of the information presented. It is the responsibility of the user to comply with local, state, and federal regulations concerning use of this product. It is the further responsibility of the buyer to research and understand safe methods of storing, handling and disposal of this product.

Note – All Roseburg composite panels meet CARB Air Toxic Control Measure (ATCM) requirements and EPA TSCA Title VI requirements. SkyBlend panels are produced with Ultra Low Emitting Formaldehyde (ULEF) resin systems.

GHS Full Text Phrases:**Abbreviations and acronyms:**

Particleboard, Laminated or coated Particleboard, Laminated or coated MDF

Goods IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System

(Canada) DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

CFR: Code of Federal Regulations (USA)

SARA: Superfund Amendments and Reauthorization Act (USA)

RCRA: Resource Conservation and Recovery Act (USA)

TSCA: Toxic Substances Control Act (USA)

NPRI: National Pollutant Release Inventory (Canada)

DOT: US Department of Transportation

Effective date: 10.24.2014

Last updated: 07.12.2018