



Revision
date: Initial version

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Trade name:	Duct Seal
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SECTION 1: Identification

Product identifier:	Duct Seal.
Synonyms:	None available.
Product Code Number:	31-601, 31-605.
SDS number:	ID008
Recommended use:	Duct Sealer.
Recommended restrictions:	None known.

Manufacturer/Importer/Supplier/Distributor information:

Company Name:	IDEAL INDUSTRIES, INC.
Company Address:	Becker Place, Sycamore, IL 60178
Company Telephone:	Office hours (Mon – Fri) 7AM - 5 PM (CDT) (815)895-5181
Company Contact Name:	Darryl Docter.
Company Contact Email:	IDEAL@IDEALINDUSTRIES.COM
Emergency phone number:	24 HOUR EMERGENCY NUMBER: (815)895-5181.

SECTION 2: Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

Physical hazards

Not classified as a physical hazard under GHS criteria

Health hazards

Not classified as a health hazard under GHS criteria

Environmental hazards

Not classified as an environmental hazard under GHS criteria.

GHS Signal word: **Not applicable.**

GHS Hazard statement(s): Not applicable.

GHS Hazard symbol(s): Not applicable.

GHS Precautionary statement(s):

Prevention:

No prevention precautionary statements required.

Response:

No response precautionary statements required.

Storage:

No storage precautionary statements required.

Disposal:

No disposal precautionary statements required.

Hazard(s) not otherwise

Classified (HNOC): None known.

Percentage of ingredient(s) of unknown acute toxicity:

Not applicable.

SECTION 3: Composition/information on ingredients

Mixture:

Chemical name	CAS#	Concentration (weight %)
None of the chemical raw materials contained in this formulation are considered hazardous under the Federal Hazards Communication Standard 29 C. F. R 1910.1200		

SECTION 4: First-aid Measures

Description of necessary measures:

Inhalation: Not applicable.

Skin contact: If too sensitive, seek medical attention/

Eye contact: In case of contact, do not remove. Get medical attention.

Ingestion: Not likely. If ingested, constipation or blockage may occur. Seek medical attention.

SECTION 5: Fire-fighting measures

Suitable extinguishing media: Use water, foam, carbon dioxide or dry chemical. Nitrogen oxides and carbon monoxides may be involved.

Unsuitable extinguishing media: No data available.

Special protective equipment and precautions for fire-fighters: For fire involving this material, do not enter any enclosed or confined fire space without proper protective equipment. Use self-contained breathing apparatus with full face shield to protect against the hazardous effects of combustion products and oxygen deficiencies.

SECTION 6: Accidental release measures

Leak or spill procedure:

As the product is a solid, a spill is not really possible. If the material is dumped or falls in an undesirable location and is no longer usable, dispose of the material as described in section 13 of this document.

SECTION 7: Handling and Storage

Precautions for safe handling: Wash hands thoroughly with soap and water before eating.

Conditions for safe storage, including any incompatibles: Store in a cool, dry place.

SECTION 8: Exposure controls/personal protection

Control Parameters:

Occupational exposure limits:

US OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Permissible Exposure Limits		
Substance	PEL-TWA (8 hour)	PEL-STEL (15 min)
Not applicable		

US ACGIH Threshold Limit Values		
Substance	TLV-TWA (8 hour)	TLV-STEL (15 min)
Not applicable		

NIOSH Exposure Limits		
Substance	TWA	STEL

Not applicable		
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Appropriate engineering controls: General (mechanical) room ventilation is expected to be adequate. Special local ventilation is recommended to keep dust below exposure limits. Wash hands before breaks and at the end of work day.

Individual protection measures, such as personal protective equipment:

Eye/face protection: The use of OSHA compliant safety glasses or goggles are recommended.

Skin and Hand protection: None normally required. For sensitive individuals, protect skin from contact. Use cotton gloves if required.

Respiratory protection: None required.

Other: None required.

Thermal hazards: No data available.

SECTION 9: Physical and chemical properties

Appearance

Physical state:	Solid
Form:	Dark gray putty.
Color:	Dark gray.
Odor:	No odor.
Odor threshold:	No data available
pH:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	None
Flash point:	310°C
Evaporation rate:	No data available
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits	
Flammability limit – lower (%):	Not applicable
Flammability limit – upper (%):	Not applicable
Explosive limit – lower (%):	Not applicable
Explosive limit – upper (%):	Not applicable
Vapor pressure:	No data available
Vapor density:	No data available
Relative Density:	1.78
Solubility(ies):	Insoluble.
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available

Viscosity: No data available
Other information:
% Volatile by volume: 2%
Volatile Organic Compounds (VOC) 17 grams/liter
(as packaged, minus water)
Percent solids by weight: ~ 98%

SECTION 10: Stability and Reactivity

Reactivity: Not chemically reactive.
Chemical stability: Stable, no chemical decomposition.
Possibility of hazardous reactions: Hazardous reactions not anticipated.
Conditions to avoid: None.
Hazardous decomposition Products: None known.

SECTION 11: Toxicological information

Information on likely routes of exposure:

Inhalation: Not an expected route of entry.
Ingestion: Not an expected route of entry.
Skin: Skin contact is a primary route of entry.
Eyes: Not an expected route of entry.

Symptoms related to the physical, chemical, and toxicological characteristics:
None known.

Delayed and immediate effects and chronic effects from short or long-term exposure:
None known.

Numerical measures of toxicity:

Ingredient Information:

Substance	Test Type (species)	Value
Not applicable	LD ₅₀ Oral (Rat)	
	LD ₅₀ Dermal (Rabbit)	
	LC ₅₀ Inhalation (Rat)	

Product Acute Toxicity Estimates:

Acute Oral Toxicity – no data available
Acute Dermal Toxicity - no data available
Acute Inhalation Toxicity - no data available

Skin corrosion/irritation: No information available on the mixture, however none of the components have been classified to cause skin corrosion/irritation (or are below the concentration threshold for classification).

Serious eye damage/eye irritation: No information available on the mixture, however none of the components have been classified to cause eye damage/irritation (or are below the concentration threshold for classification).

Respiratory sensitization: Not applicable. Product is a solid.

Skin sensitization: No information available on the mixture, however none of the components have been classified as a skin sensitizer (or are below the concentration threshold for classification).

Germ cell mutagenicity: None known.

Carcinogenicity: No evidence.

Reproductive toxicity: None known.

**Specific target organ toxicity-
Single exposure:** None known.

**Specific target organ toxicity-
Repeat exposure:** None known.

Aspiration hazard: None known.

Further information: No data available.

SECTION 12: Ecological information

Ecotoxicity:

Product data: No data available

Ingredient Information:

Substance	Test Type	Species	Value
Not applicable	LC ₅₀	Fish	
	LC ₅₀	Aquatic crustacea	
	EC ₅₀	Algae	

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available.

Mobility in Soil: Accidental droppings may lead to mixing with soil, but there is no evidence

that this would cause adverse ecological effects.

Other adverse effects: No data available.

SECTION 13: Disposal considerations

Disposal instructions:

To the best of our knowledge the product is not considered hazardous based on U.S. EPA Hazardous Waste Regulations 40 CFR 261. Dispose of in accordance with all local, state and federal regulations.

SECTION 14: Transport Information

DOT: This material is not classified as dangerous under DOT regulations.

IATA: This material is not classified as dangerous under IATA regulations.

IMDG: This material is not classified as dangerous under IMDG regulations.

SECTION 15: Regulatory Information

Safety, health and environmental regulations specific for the product.

USA:

United States Federal Regulations: This SDS complies with the OSHA, 29 CFR 1910.1200. The product is hazardous under OSHA.

Toxic Substances Control Act (TSCA) – All substances in this product are listed, as required, on the TSCA inventory.

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:

Section 302 – No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

CERCLA Hazardous Substance List, 40 CFR 302.4:

None listed.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None listed.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3): None listed.

SARA Title III

Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): None listed.

Section 311/312 (40 CFR 370):

Acute Health Hazard: No
Chronic Health Hazard: No
Fire Hazard: No
Pressure Hazard: No
Reactivity Hazard: No

Section 313 Toxic Release Inventory (40 CFR 372):

This product contains the following materials that are subject to the reporting requirements of Section 313 of EPCRA: 14808-60-7 Crystalline Quartz Silica – 0.5%.

STATE REGULATIONS:

This SDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

California Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986): This product does not contain any chemicals known to the state of California to cause cancer or birth defects.

Massachusetts Right to Know: This product does not contain any chemicals listed on the Massachusetts Right to Know List.

Minnesota Hazardous Substance List: This product does not contain any chemicals listed on the Minnesota Hazardous Substance List.

New Jersey Right to Know: This product does not contain any chemicals listed on the New Jersey Right to Know list.

Pennsylvania Right to Know: This product does not contain any chemicals is listed on the Pennsylvania Right to Know List.

Canada WHMIS Hazard Class: Not regulated.

SECTION 16: Other information, including date of preparation or last revision.

To the best of our knowledge, the information contained herein is accurate. However IDEAL INDUSTRIES INC. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.