



**Trade name: Duct Seal**

**SECTION 1: Identification**

**Product identifier used on the label:**

**Product Name:** Duct Seal

**Other means of identification:**

**Product Code Number:** 31-601, 31-605

**Recommended use of the chemical and restrictions on use:**

**Recommended use:** Duct Sealer

**Recommended restrictions:** Uses other than those described above.

**Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**

**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:**

Not classified as hazardous under OSHA HSC 2012

**GHS Signal word:** None Required

**GHS Hazard statement(s):** None required

**GHS Hazard symbol(s):** None required

**GHS Precautionary statement(s):** None required

**Hazard(s) not otherwise**

**Classified (HNOC):** None known

**Percentage of ingredient(s) of unknown acute toxicity:**

Not applicable

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### SECTION 3: Composition/information on ingredients

None of chemical raw materials contained in this formulation are considered hazardous under the OSHA Hazard Communication Standard and therefore do not need reporting in this section.

### SECTION 4: First-aid measures

#### Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

**Inhalation:** Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Seek medical advice.

**Skin contact:** Wash with water and soap and rinse thoroughly. Seek medical advice if irritation or pain develops.

**Eye contact:** In case of contact with eyes, flush with water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician if symptoms develop.

**Ingestion:** Do NOT induce vomiting. If swallowed, wash mouth out with water provided the person is conscious. NEVER GIVE LIQUIDS TO AN UNCONCIOUS PERSON. Call a physician if symptoms develop.

#### Most important symptoms/effects, acute and delayed:

None known

#### Indication of immediate medical attention and special treatment needed:

If any symptoms are observed, contact a physician and give them this SDS sheet. Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### Suitable (and unsuitable) extinguishing media:

**Suitable extinguishing media:** Dry chemical, foam, water spray, carbon dioxide.

**Unsuitable extinguishing media:** None known

#### Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):

None expected.

Hazardous combustion products may include the following substances: Carbon oxides

#### Special protective equipment and precautions for fire-fighters:

Use water spray or fog for cooling exposed containers. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Evacuate all non-emergency personnel from area. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

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## SECTION 6: Accidental release measures

### **Personal precautions, protective equipment and emergency procedures:**

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through the spilled material. Minimize contact with skin or eyes. Provide adequate ventilation. Wear appropriate protective equipment, as conditions warrant (see Section 8). See Sections 2 and 7 for additional information on hazards and precautionary measures.

### **Environmental Precautions:**

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways.

### **Methods and material for containment and cleaning up:**

Collect spillage and transfer to a lidded container for disposal or recovery. Dispose of via a licensed waste disposal contractor. See Section 1 for emergency contact information and Section 13 for waste disposal.

## SECTION 7: Handling and storage

### **Precautions for safe handling:**

Wear recommended personal protective equipment (See Section 8). Provide adequate ventilation in process areas. Avoid contact with eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### **Conditions for safe storage, including any incompatibles:**

Keep only in original container. Store in a dry, well-ventilated place. Keep container closed when not in use. Make sure containers are properly labeled. Store away from incompatible materials. Store at 40-180 °F  
Incompatible materials: Oxidizing agents.

## SECTION 8: Exposure controls/personal protection

**OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.**

None known.

### **Appropriate engineering controls:**

Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

Provide eyewash station. Eye wash fountain and emergency showers are recommended. Concentrations should be monitored hazardous substances in the workplace in accordance with recognized test methods. Mode, method, type and frequency of testing and measurement of harmful factors in the working environment should meet the requirements of local/regional/national laws.

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### Individual protection measures, such as personal protective equipment:

**Eye/face protection:** None required but the use of safety glasses is recommended. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US).

**Skin and Hand protection:** None required but use of chemical resistant (rubber, nitrile) gloves is recommended. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Respiratory protection:** None required. Use supplied-air respiratory protection in enclosed spaces, if needed.

**General hygiene considerations:** Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

### SECTION 9: Physical and chemical properties

#### Appearance (physical state, color, etc.):

**Physical state:** Solid Putty.

**Color:** Dark Gray.

**Odor:** None.

**Odor threshold:** Not determined.

**pH:** Not determined.

**Melting point/freezing point:** Not determined.

**Initial boiling point and** 212 °F (100 °C)

**boiling range:**

**Flash point:** 310 °C.

**Evaporation rate:** Not determined

**Flammability (solid, gas):** Not applicable

#### Upper/lower flammability or explosive limits

**Flammability limit – lower (%):** Not determined

**Flammability limit – upper (%):** Not determined

**Explosive limit – lower (%):** Not determined

**Explosive limit – upper (%):** Not determined

**Vapor pressure:** Not determined

**Vapor density:** Not determined

**Relative density:** 1.78

**Solubility (ies):** Insoluble.

**Partition coefficient (n-octanol/water):** Not determined.

**Auto-ignition temperature:** Not determined

**Decomposition temperature:** Not determined

**Viscosity:** 2000-40000 cps

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### SECTION 10: Stability and reactivity

<b>Reactivity:</b>	Not reactive under recommended storage and handling conditions.
<b>Chemical stability:</b>	Stable under recommended storage and handling conditions.
<b>Possibility of hazardous reactions:</b>	None known.
<b>Conditions to avoid:</b>	None known.
<b>Incompatible materials:</b>	Oxidizing agents
<b>Hazardous decomposition Products:</b>	None expected, although in a fire, Carbon oxides will be formed.

### SECTION 11: Toxicological information

#### Information on likely routes of exposure:

<b>Inhalation:</b>	Expected to be a route of exposure
<b>Ingestion:</b>	Expected to be a route of exposure
<b>Skin:</b>	Expected to be a route of exposure
<b>Eyes:</b>	Expected to be a route of exposure

**Target Organs:** Eyes, Skin, Gastrointestinal system

#### Symptoms related to the physical, chemical, and toxicological characteristics:

None expected.

#### Delayed and immediate effects and chronic effects from short or long-term exposure:

None known.

**Numerical measures of toxicity (such as acute toxicity estimates):** None known.

<b>Acute Toxicity:</b>	Does not meet the criteria for classification
<b>Skin corrosion/irritation:</b>	Does not meet the criteria for classification
<b>Serious eye damage/eye irritation:</b>	Does not meet the criteria for classification
<b>Respiratory sensitization:</b>	Does not meet the criteria for classification
<b>Skin sensitization:</b>	Does not meet the criteria for classification
<b>Germ cell mutagenicity:</b>	Does not meet the criteria for classification
<b>Carcinogenicity:</b>	Does not meet the criteria for classification.
<b>Reproductive toxicity:</b>	Does not meet the criteria for classification
<b>Specific target organ toxicity- Single exposure:</b>	Does not meet the criteria for classification
<b>Specific target organ toxicity- Repeat exposure:</b>	Does not meet the criteria for classification,
<b>Aspiration hazard:</b>	Does not meet the criteria for classification

**Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:** None listed.

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### SECTION 12: Ecological information

**Ecotoxicity (aquatic and terrestrial, where available):**

Not expected to be toxic to the aquatic environment.

**Persistence and Degradability:**

No information available

**Bioaccumulative Potential:**

No information available.

**Mobility in Soil:**

No information available.

**Other adverse effects (such as hazardous to the ozone layer):**

No information available.

### SECTION 13: Disposal considerations

**Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.**

**Product**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification. Dispose via a licensed waste disposal contractor. Observe all federal, state/provincial and municipal regulations.

**Contaminated packaging**

Since emptied containers retain product residue, follow label warnings even after container is emptied. Empty containers should be properly labeled to supplier or everywhere there is a recovery program.

### SECTION 14: Transport Information

**US Department of Transportation Classification (49CFR)**

Not regulated under DOT.

**IMDG (Transport by sea)**

Not regulated under IMDG.

**IATA (Country variations may apply)**

Not regulated under IATA.

**Environmental hazards**

Marine pollutant: No

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)**

No further relevant information available.

**Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.**

None known

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### SECTION 15: Regulatory Information

#### USA:

**United States Federal Regulations:** This SDS complies with the OSHA, 29 CFR 1910.1200. The product is not classified as hazardous under OSHA.

**Toxic Substances Control Act (TSCA)** - All substances in this product are listed as required or are exempt from the TSCA inventory.

**CERCLA RQ (lbs) Ingredients (> 0.1%):**

None listed.

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

**Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) (> 0.1%):**

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

**Section 311/312 (40 CFR 370) (> 0.1%):**

Not applicable.

**Section 313 Toxic Release Inventory (40 CFR 372) (> 0.1%):**

None listed.

#### 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):** None listed.

**Massachusetts Right to Know:**

No components are listed on the Massachusetts Right to Know list

**New Jersey Right to Know:**

No components are listed on the New Jersey Right to Know list

**Pennsylvania Right to Know:**

No components are listed on the Pennsylvania Right to Know list

### SECTION 16: Other Information

**Revision Date:** June 5, 2023

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.