

## 1. IDENTIFICATION

**Product identifier**

**Product Name** Slide Mold Shield "Dry" Rust Preventive

**Other means of identification**

**SDS #** 42910P

**UN/ID No** UN1950

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

**Recommended Use** Industrial Rust Preventive

**Details of the supplier of the safety data sheet**

**Supplier Address**

Slide Products Inc.  
430 Wheeling Road  
Wheeling, IL 60090

**Emergency telephone number**

**Company Phone Number** Phone: 1-847-541-7220  
Fax: 1-847-541-7986  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Physical state** Aerosol

**Classification**

|  |                |
|--|----------------|
| Skin corrosion/irritation                        | Category 2     |
| Specific target organ toxicity (single exposure) | Category 3     |
| Aspiration toxicity                              | Category 1     |
| Aerosols   | Category 1     |
| Gases under pressure                             | Compressed gas |

**Signal Word**

**Danger**

**Hazard statements**

Causes skin irritation  
May cause respiratory irritation. May cause drowsiness or dizziness  
May be fatal if swallowed and enters airways  
Extremely flammable aerosol  
Contains gas under pressure; may explode if heated



**Precautionary Statements - Prevention**

Wear protective gloves, protective clothing, eye protection, and face protection  
 Wash face, hands and any exposed skin thoroughly after handling  
 Do not breathe dust, fume, gas, mist, vapors, or spray  
 Use only outdoors or in a well-ventilated area  
 Keep away from heat, sparks, open flames, and hot surfaces. — No smoking  
 Do not spray on an open flame or other ignition source  
 Pressurized container: Do not pierce or burn, even after use

**Precautionary Statements - Response**

IF ON SKIN: Wash with plenty of water and soap  
 Take off contaminated clothing and wash before reuse  
 If skin irritation occurs; Get medical advice/attention  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a poison center or doctor/physician if you feel unwell  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
 Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed  
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other hazards**

Very toxic to aquatic life with long lasting effects

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name                         | CAS No.    | Weight-% |
|---------------------------------------|------------|----------|
| Heptane                               | 142-82-5   | 60-75    |
| Petroleum gases, liquified, sweetened | 68476-86-8 | 25-35    |
| Petroleum distillates (naphtha)       | 8002-05-9  | 1-5      |
| Calcium salts                         | 68783-96-0 | 1-5      |
| Soy Lecithin                          | 8002-43-5  | 1-3      |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret. \*\*

### 4. FIRST AID MEASURES

**Description of first aid measures**

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.                                  |
| <b>Skin Contact</b> | Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. |
| <b>Inhalation</b>   | Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.                           |
| <b>Ingestion</b>    | Immediately call a poison center or doctor/physician. Do NOT induce vomiting.   |

**Most important symptoms and effects, both acute and delayed**

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | May be harmful if swallowed. May be harmful in contact with skin. Causes skin irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. |
|-----------------|--|

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Extremely flammable aerosol. Pressurized container: May burst if heated.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment as required.

**Environmental precautions****Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE****Precautions for safe handling****Advice on Safe Handling**

Wear protective gloves/protective clothing and eye/face protection. Wash face, hands and any exposed skin thoroughly after handling. Do not breathe dust, fume, gas, mist, vapors, or spray. Use only outdoors or in a well-ventilated area. Keep away from heat, sparks, open flames, and hot surfaces. — No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

**Conditions for safe storage, including any incompatibilities****Storage Conditions**

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

**Incompatible Materials**

None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

| Chemical name       | ACGIH TLV                     | OSHA PEL  | NIOSH IDLH  |
|---------------------|-------------------------------|---|---|
| Heptane<br>142-82-5 | STEL: 500 ppm<br>TWA: 400 ppm | TWA: 500 ppm<br>TWA: 2000 mg/m <sup>3</sup><br>(vacated) TWA: 400 ppm<br>(vacated) TWA: 1600 mg/m <sup>3</sup><br>(vacated) STEL: 500 ppm<br>(vacated) STEL: 2000 mg/m <sup>3</sup> | IDLH: 750 ppm<br>Ceiling: 440 ppm 15 min<br>Ceiling: 1800 mg/m <sup>3</sup> 15 min<br>TWA: 85 ppm<br>TWA: 350 mg/m <sup>3</sup> |

|  |   |  |  |
|--|---|--|--|
| Petroleum distillates (naphtha)<br>8002-05-9 | - | TWA: 500 ppm<br>TWA: 2000 mg/m <sup>3</sup><br>(vacated) TWA: 400 ppm<br>(vacated) TWA: 1600 mg/m <sup>3</sup> | IDLH: 1100 ppm<br>Ceiling: 1800 mg/m <sup>3</sup> 15 min<br>TWA: 350 mg/m <sup>3</sup> |
|--|---|--|--|

**Appropriate engineering controls****Engineering Controls**

Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection**

Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection**

Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

|   |                      |                                |                |
|---|----------------------|--------------------------------|----------------|
| <b>Physical state</b>                         | Aerosol              | <b>Odor</b>                    | Not determined |
| <b>Appearance</b>                             | Not determined       | <b>Odor Threshold</b>          | Not determined |
| <b>Color</b>                                  | Not determined       |                                |                |
| <b><u>Property</u></b>                        | <b><u>Values</u></b> | <b><u>Remarks • Method</u></b> |                |
| <b>pH</b>                                     | Not determined       |                                |                |
| <b>Melting point / freezing point</b>         | Not determined       |                                |                |
| <b>Boiling point / boiling range</b>          | Not determined       |                                |                |
| <b>Flash point</b>                            | Not determined       |                                |                |
| <b>Evaporation Rate</b>                       | Not determined       |                                |                |
| <b>Flammability (Solid, Gas)</b>              | Not determined       |                                |                |
| <b>Flammability Limit in Air</b>              |                      |                                |                |
| <b>Upper flammability or explosive limits</b> | Not determined       |                                |                |
| <b>Lower flammability or explosive limits</b> | Not determined       |                                |                |
| <b>Vapor Pressure</b>                         | Not determined       |                                |                |
| <b>Vapor Density</b>                          | Not determined       |                                |                |
| <b>Relative Density</b>                       | Not determined       |                                |                |
| <b>Water Solubility</b>                       | Not determined       |                                |                |
| <b>Solubility in other solvents</b>           | Not determined       |                                |                |
| <b>Partition Coefficient</b>                  | Not determined       |                                |                |
| <b>Autoignition temperature</b>               | Not determined       |                                |                |
| <b>Decomposition temperature</b>              | Not determined       |                                |                |
| <b>Kinematic viscosity</b>                    | Not determined       |                                |                |
| <b>Dynamic Viscosity</b>                      | Not determined       |                                |                |
| <b>Explosive Properties</b>                   | Not determined       |                                |                |
| <b>Oxidizing Properties</b>                   | Not determined       |                                |                |

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible materials**

None known based on information supplied.

**Hazardous decomposition products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

|                     |                                      |
|---------------------|--------------------------------------|
| <b>Eye Contact</b>  | Avoid contact with eyes.             |
| <b>Skin Contact</b> | May be harmful in contact with skin. |
| <b>Inhalation</b>   | Do not inhale.                       |
| <b>Ingestion</b>    | May be harmful if swallowed.         |

**Component Information**

| Chemical name                                | Oral LD50                             | Dermal LD50           | Inhalation LC50                  |
|--|---------------------------------------|-----------------------|----------------------------------|
| Heptane<br>142-82-5                          | -                                     | = 3000 mg/kg (Rabbit) | = 103 g/m <sup>3</sup> (Rat) 4 h |
| Calcium salts<br>68783-96-0                  | > 5000 mg/kg (Rat)                    | > 2000 mg/kg (Rabbit) | > 1.9 mg/L (Rat) 4 h             |
| Petroleum distillates (naphtha)<br>8002-05-9 | > 5000 mg/kg (Rat) > 4300 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | -                                |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Causes skin irritation.

**Carcinogenicity** Group 3 IARC components are "not classifiable as human carcinogens".

| Chemical name                                   | ACGIH | IARC    | NTP   | OSHA |
|---|-------|---------|-------|------|
| Petroleum distillates<br>(naphtha)<br>8002-05-9 | A2    | Group 3 | Known | X    |

**Legend**

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 3 IARC components are "not classifiable as human carcinogens"

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Aspiration hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document.

|                               |                |
|-------------------------------|----------------|
| Oral LD50                     | 4,992.20 mg/kg |
| Dermal LD50                   | 2,838.50 mg/kg |
| ATEmix (inhalation-dust/mist) | 20.30 mg/L     |

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Very toxic to aquatic life with long lasting effects.

**Component Information**

| Chemical name                                | Algae/aquatic plants                                 | Fish                                       | Crustacea  |
|--|--|--|--|
| Heptane<br>142-82-5                          |  | 375.0: 96 h Cichlid fish mg/L LC50         | 10: 24 h Daphnia magna mg/L EC50   |
| Calcium salts<br>68783-96-0                  | 1000: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 40: 96 h Pimephales promelas mg/L LC50     | 1000: 48 h Daphnia magna mg/L EC50   |
| Petroleum distillates (naphtha)<br>8002-05-9 |  | 258: 96 h Salmo gairdneri mg/L LC50 static | 36: 24 h Daphnia magna mg/L EC50 0.26: 48 h Daphnia magna mg/L EC50 Static |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

| Chemical name                                       | Partition coefficient |
|---|-----------------------|
| Heptane<br>142-82-5                                 | 4.66                  |
| Petroleum gases, liquified, sweetened<br>68476-86-8 | <=2.8                 |

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status**

| Chemical name       | California Hazardous Waste Status |
|---------------------|-----------------------------------|
| Heptane<br>142-82-5 | Toxic<br>Ignitable                |

**14. TRANSPORT INFORMATION****Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

**UN/ID No** UN1950  
**Proper Shipping Name** Aerosols  
**Hazard class** 2.1

**IATA**

**UN number** UN1950  
**Proper Shipping Name** Aerosols, flammable  
**Transport hazard class(es)** 2.1

**IMDG**

**UN number** UN1950  
**Proper Shipping Name** Aerosols  
**Transport hazard class(es)** 2.1  
**Marine Pollutant** Heptane

|                                   |
|-----------------------------------|
| <b>15. REGULATORY INFORMATION</b> |
|-----------------------------------|

**International Inventories**

| Chemical name                            | TSCA | DSL/NDSL | EINECS/E<br>LINCS | ENCS | IECSC | KECL | PICCS | AICS |
|--|------|----------|-------------------|------|-------|------|-------|------|
| Heptane                                  | X    | X        | X                 | X    | X     | X    | X     | X    |
| Petroleum gases, liquified,<br>sweetened | X    | X        | X                 |      | X     | X    | X     | X    |
| Calcium salts                            | X    | X        | X                 | X    | X     | X    | X     | X    |
| Petroleum distillates<br>(naphtha)       | X    | X        | X                 |      | X     | X    | X     | X    |
| Lecithin                                 | X    | X        | X                 |      | X     | X    | X     | X    |

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313**

| Chemical name                               | CAS No.   | Weight-% | SARA 313 - Threshold Values % |
|---|-----------|----------|-------------------------------|
| Petroleum distillates (naphtha) - 8002-05-9 | 8002-05-9 | 1-5      | 0.1                           |

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical name                                | New Jersey | Massachusetts | Pennsylvania |
|--|------------|---------------|--------------|
| Heptane<br>142-82-5                          | X          | X             | X            |
| Petroleum distillates (naphtha)<br>8002-05-9 | X          | X             | X            |

**16. OTHER INFORMATION****NFPA****Health Hazards**

Not determined

**Flammability**

Not determined

**Instability**

Not determined

**Special Hazards**

Not determined

**HMIS****Health Hazards**

Not determined

**Flammability**

Not determined

**Physical hazards**

Not determined

**Personal Protection**

Not determined

**Issue Date:**

24-Aug-2018

**Revision Date:**

01-Feb-2019

**Revision Note:**

Updated classification

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**