



# SAFETY DATA SHEET

Issue Date 01-Sep-2012

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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Slide Mold Shield Rust Preventative

### Other means of identification

**SDS #** 42910

**UN/ID No** UN1950  
**Product Code** 42910  
**Synonyms** Rust Preventative Compound  
"Dry" Rust Preventative  
**Other Information** Formula: 54891.

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

**Recommended Use** Rust preventative compound.

### Details of the supplier of the safety data sheet

#### Supplier Address

Slide Products Inc.  
430 S. 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

### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Germ cell mutagenicity	Category 1B
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable Aerosols	Category 2

### Signal word

**Danger**

**Hazard statements**

Causes skin irritation  
 Causes severe eye irritation  
 May cause genetic defects  
 Suspected of damaging fertility or the unborn child  
 May cause respiratory irritation. May cause drowsiness or dizziness  
 May cause damage to organs through prolonged or repeated exposure  
 May be fatal if swallowed and enters airways  
 Flammable aerosol  
 Pressurized container: May burst if heated



**Appearance** tan liquid

**Physical state** Aerosol

**Odor** Fetid odor

**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  
 Wash face, hands and any exposed skin thoroughly after handling  
 Wear eye/face protection  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Keep away from heat/sparks/open flames/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 exposed or concerned: Get medical advice/attention  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 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

**Hazards not otherwise classified (HNOC)**

May be harmful in contact with skin

**Other Information**

- Toxic to aquatic life with long lasting effects
- Toxic to aquatic life

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms** Rust Preventative Compound  
"Dry" Rust Preventative.

**Chemical Family** Petroleum derivative.

Chemical Name	CAS No	Weight-%	Trade Secret
Hexane	110-54-3	55-65	*
Propane	74-98-6	10-20	*
N-Butane	106-97-8	5-10	*
Isobutane	75-28-5	4-8	*

### 4. FIRST AID MEASURES

#### First aid measures

**General advice** If exposed or concerned: Get medical advice/attention.

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Eye contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

**Ingestion** Do NOT induce vomiting. Call a physician or poison control center immediately.

**Skin Contact** Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/ attention. Apply hand cream.

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

**Symptoms** In high concentrations, vapors and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Skin contact can lead to drying, defatting, itching, stinging and irritation. Direct contact with eyes may cause temporary irritation.

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

**Note to physicians** 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 flame projection test: >18" extension at 70 F. Aerosols may rupture violently at temperatures above 120 F. Vapors may form explosive mixtures with air.

#### 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.

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

**Methods for containment** Remove leaking container to outside disposal site.

**Methods for cleaning up** Keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on safe handling** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not spray near open flame. Pressurized container: Do not pierce or burn, even after use. Do not drop. Do not spray on floors.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Do not store at temperatures above 120 F. Protect from direct sunlight. Store away from heat, sparks / flame.

**Incompatible materials** None known.

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

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hexane 110-54-3	STEL: 1000 ppm other than n-Hexane TWA: 50 ppm TWA: 500 ppm other than n-Hexane S*	TWA: 500 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 50 ppm (vacated) TWA: 180 mg/m <sup>3</sup> (vacated) TWA: 500 ppm (vacated) TWA: 1800 mg/m <sup>3</sup> (vacated) STEL: 1000 ppm (vacated) STEL: 3600 mg/m <sup>3</sup>	IDLH: 1100 ppm Ceiling: 510 ppm 15 min Ceiling: 1800 mg/m <sup>3</sup> 15 min TWA: 50 ppm TWA: 180 mg/m <sup>3</sup> TWA: 100 ppm other than n-Hexane TWA: 350 mg/m <sup>3</sup> other than n-Hexane
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup>	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>
N-Butane 106-97-8	TWA: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>
Isobutane 75-28-5	TWA: 1000 ppm	-	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Proper eye care is needed in all industrial operations.

**Skin and body protection** Protective gloves are not required, but recommended.

**Respiratory protection**

No protection is ordinarily required under normal conditions of use and with adequate ventilation.

**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>	Fetid odor
<b>Appearance</b>	tan liquid	<b>Odor threshold</b>	Not determined
<b>Color</b>	Tan		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Not determined	
<b>Melting point/freezing point</b>	< -40 °C / <-40 °F	
<b>Boiling point/boiling range</b>	39.4-40 °C / 103-104 °F	
<b>Flash point</b>	Not determined	
<b>Evaporation rate</b>	fast	
<b>Flammability (solid, gas)</b>	Not determined	
<b>Flammability Limits in Air</b>		
<b>Upper flammability limits</b>	7.5	
<b>Lower flammability limit</b>	1.2	
<b>Vapor pressure</b>	137 mmHg	@ 20 C
<b>Vapor density</b>	>1	
<b>Specific Gravity</b>	0.644	
<b>Water solubility</b>	Insoluble in water	
<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	

**Other Information**

## 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**

Avoid temperatures above 120 °F. Avoid direct sunlight.

**Incompatible materials**

None known.

**Hazardous Decomposition Products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Eye contact</b>	Causes severe eye irritation.
<b>Skin Contact</b>	Causes skin irritation. May be harmful in contact with skin.
<b>Ingestion</b>	Do not taste or swallow.

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hexane 110-54-3	25 g/kg ( Rat )	3000 mg/kg ( Rabbit )	48000 ppm ( Rat ) 4 h
Propane 74-98-6	-	-	658 mg/L ( Rat ) 4 h
N-Butane 106-97-8	-	-	658 mg/L ( Rat ) 4 h
Isobutane 75-28-5	-	-	658 mg/L ( Rat ) 4 h

### Information on physical, chemical and toxicological effects

<b>Symptoms</b>	In high concentrations, vapors and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Direct contact with eyes may cause temporary irritation.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Germ cell mutagenicity</b>	May cause genetic defects.
<b>Carcinogenicity</b>	Carcinogenic potential is unknown.
<b>Reproductive toxicity</b>	Suspected of damaging fertility or the unborn child.
<b>STOT - single exposure</b>	May cause respiratory irritation. May cause drowsiness or dizziness.
<b>STOT - repeated exposure</b>	May cause damage to organs through prolonged or repeated exposure.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.

#### Numerical measures of toxicity- Product

Not determined

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

<b>ATEmix (oral)</b>	30000 mg/kg
<b>ATEmix (dermal)</b>	3600 mg/kg
<b>ATEmix (inhalation-gas)</b>	57600 mg/l
<b>ATEmix (inhalation-dust/mist)</b>	939.8 mg/l

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Toxic to aquatic life with long lasting effects Contains no ozone depleting chemicals.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Hexane 110-54-3		2.1-2.98: 96 h Pimephales promelas mg/L LC50 flow-through		>1000: 24 h Daphnia magna mg/L EC50

**Persistence and degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined.

Chemical Name	Partition coefficient
Propane 74-98-6	2.3
N-Butane 106-97-8	2.89
Isobutane 75-28-5	2.88

**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**

Empty fully, including gas pressure. Do not puncture or incinerate cans. Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of in accordance with federal, state and local regulations.

Chemical Name	California Hazardous Waste Status
Hexane 110-54-3	Toxic Ignitable

### 14. TRANSPORT INFORMATION

**Note**

Based on package size, product may be eligible for limited quantity exception

**DOT**

(each not exceeding 1 L capacity)

**UN/ID No**

UN1950

**Proper shipping name**

Aerosols

**Hazard Class**

2.1

**IATA**

<b>UN/ID No</b>	UN1950
<b>Proper shipping name</b>	Aerosols, flammable
<b>Hazard Class</b>	2.1

**IMDG**

<b>UN/ID No</b>	UN1950
<b>Proper shipping name</b>	Aerosols
<b>Hazard Class</b>	2.1

## 15. REGULATORY INFORMATION

**International Inventories****TSCA** Listed**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***US Federal Regulations**

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Hexane - 110-54-3	110-54-3	55-65	1.0

**SARA 311/312 Hazard Categories**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Hexane 110-54-3	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Hexane 110-54-3	X	X	X
Propane 74-98-6	X	X	X
N-Butane 106-97-8	X	X	X
Isobutane 75-28-5	X	X	X

**U.S. EPA Label Information**

## 16. OTHER INFORMATION

**NFPA****Health hazards****Flammability****Instability****Special Hazards**

Not determined

Not determined

Not determined

Not determined

**HMIS****Health hazards****Flammability****Physical hazards****Personal protection**

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**Issue Date**

01-Sep-2012

**Revision Date**

29-Nov-2012



**Revision Note**

new format

**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**