



# Safety Data Sheet

Issue Date: 01-Sep-2012

Revision Date: 31-Mar-2015

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Slide Bulk Dura-Kote Mold Release

### Other means of identification

**SDS #** 417BULK

**Product Code** 417BULK (SDS applies to pint, 1G, 5G, and 55G sizes)  
**UN/ID No** UN1993

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

**Recommended Use** Industrial mold release.

### 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 (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear mobile liquid

**Physical State** Liquid

**Odor** Mild alcohol odor

### 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 Liquids	Category 2

### Hazards Not Otherwise Classified (HNOC)

May be harmful in contact with skin

### Signal Word

**Danger**

**Hazard Statements**

Causes skin irritation  
Causes serious eye irritation  
May cause genetic defects  
Suspected of damaging fertility or the unborn child  
May cause drowsiness or dizziness  
May cause damage to organs through prolonged or repeated exposure  
May be fatal if swallowed and enters airways  
Highly 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  
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  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion-proof equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Keep cool

**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 (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing 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  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
Do not induce vomiting  
IN CASE OF FIRE: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store locked up  
Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

Toxic to aquatic life with long lasting effects

**Unknown Acute Toxicity**

4% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Hexane	110-54-3	50-70
Isopropyl Alcohol	67-63-0	20-40
Trimethylated Silica	68988-56-7	1-5
Stoddard solvent	8052-41-3	1-5

\*\*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

#### First Aid Measures

<b>General Advice</b>	If exposed or concerned: Get medical advice/attention.
<b>Eye Contact</b>	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.
<b>Skin Contact</b>	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
<b>Ingestion</b>	Immediately call a poison center or doctor/physician. Do not induce vomiting.

#### Most important symptoms and effects

<b>Symptoms</b>	May be harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause genetic defects. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways.
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#### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**Unsuitable Extinguishing Media** Not determined.

#### Specific Hazards Arising from the Chemical

Concentrated vapors form HCl, HF and traces of Phosgene upon pyrolysis.

**Hazardous Combustion Products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

#### 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** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Dike spill, remove with absorbent to landfill in accordance with local, state and federal regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. 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. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion proof equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Keep cool.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store locked up. Store in a well-ventilated place. Keep container tightly closed.

**Incompatible Materials** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hexane 110-54-3	TWA: 50 ppm S*	TWA: 500 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 50 ppm (vacated) TWA: 180 mg/m <sup>3</sup>	IDLH: 1100 ppm TWA: 50 ppm TWA: 180 mg/m <sup>3</sup>
Isopropyl Alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>
Stoddard solvent 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m <sup>3</sup>	IDLH: 20000 mg/m <sup>3</sup> Ceiling: 1800 mg/m <sup>3</sup> 15 min TWA: 350 mg/m <sup>3</sup>

### Appropriate engineering controls

**Engineering Controls** Recommend control of vapors to suggested guide.

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

**Eye/Face Protection** Safety glasses with side shields are suggested.

<b>Skin and Body Protection</b>	Not needed.
<b>Respiratory Protection</b>	Not needed with adequate ventilation.
<b>General Hygiene Considerations</b>	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>	Liquid	<b>Odor</b>	Mild alcohol odor
<b>Appearance</b>	Clear mobile liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Clear		
<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 established		
<b>Boiling Point/Boiling Range</b>	66.1-71.1 °C / 151-160 °F		
<b>Flash Point</b>	-26 °C / -15 °F		
<b>Evaporation Rate</b>	2		CC (closed cup) Minutes
<b>Flammability (Solid, Gas)</b>	Liquid-Not applicable		
<b>Upper Flammability Limits</b>	12%		
<b>Lower Flammability Limit</b>	1.2%		
<b>Vapor Pressure</b>	137 mm Hg		@ 21 °C (70 °F)
<b>Vapor Density</b>	>1		(Air=1)
<b>Specific Gravity</b>	0.72		(Water = 1)
<b>Water Solubility</b>	Slightly soluble		
<b>Solubility in other solvents</b>	Not determined		
<b>Partition Coefficient</b>	Not determined		
<b>Auto-ignition 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		
<b>VOC Content</b>	92%		

## 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.

**Hazardous Polymerization** Under normal conditions of storage and use, hazardous polymerization will not occur.

### Conditions to Avoid

Heat. Sparks. Static electricity.

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	Causes serious eye irritation.
<b>Skin Contact</b>	May be harmful in contact with skin. Causes skin irritation.
<b>Inhalation</b>	Do not inhale.
<b>Ingestion</b>	Do not ingest.

### 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
Isopropyl Alcohol 67-63-0	= 1870 mg/kg ( Rat )	= 4059 mg/kg ( Rabbit )	= 72600 mg/m <sup>3</sup> ( Rat ) 4 h

### Information on physical, chemical and toxicological effects

**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

<b>Germ cell mutagenicity</b>	May cause genetic defects.
<b>Carcinogenicity</b>	Isopropyl Alcohol (IPA) is an IARC Monograph Group 3 chemical. IPA is a Group 1 when manufactured by the strong-acid process.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl Alcohol 67-63-0		Group 3		X

#### Legend

**IARC (International Agency for Research on Cancer)**  
Group 3 IARC components are "not classifiable as human carcinogens"  
**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**  
X - Present

<b>Reproductive toxicity</b>	Suspected of damaging fertility or the unborn child.
<b>STOT - single exposure</b>	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

Not determined

**Unknown Acute Toxicity** 4% of the mixture consists of ingredient(s) of unknown toxicity.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic life with long lasting effects.

**Component Information**

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
Isopropyl Alcohol 67-63-0	1000: 96 h Desmodemus subspicatus mg/L EC50 1000: 72 h Desmodemus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flow-through 1400000: 96 h Lepomis macrochirus µg/L LC50 11130: 96 h Pimephales promelas mg/L LC50 static		13299: 48 h Daphnia magna mg/L EC50

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Chemical Name	Partition Coefficient
Isopropyl Alcohol 67-63-0	0.05

**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
Hexane 110-54-3	Toxic Ignitable
Isopropyl Alcohol 67-63-0	Toxic Ignitable

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

When shipped in containers of .3 gallons (1 L) or less this material may be reclassified in accordance with DOT regulation 49 CFR 173.150/ IATA DGR packing instruction Y341/ IMDG Code 3.4 as: Limited Quantity.

**DOT**

- UN/ID No** UN1993
- Proper Shipping Name** Flammable liquids, n.o.s., (Hexanes, Isopropanol)
- Hazard Class** 3
- Packing Group** II

**IATA**

<b>UN/ID No</b>	UN1993
<b>Proper Shipping Name</b>	Flammable liquid, n.o.s., (Hexanes, Isopropanol)
<b>Hazard Class</b>	3
<b>Packing Group</b>	II

**IMDG**

<b>UN/ID No</b>	UN1993
<b>Proper Shipping Name</b>	Flammable liquid, n.o.s., (Hexanes, Isopropanol)
<b>Hazard Class</b>	3
<b>Packing Group</b>	II
<b>Marine Pollutant</b>	This material may meet the definition of a marine pollutant

<b>15. REGULATORY INFORMATION</b>
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**International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Hexane	Present	X		Present		Present	X	Present	X	X
Isopropyl Alcohol	Present	X		Present		Present	X	Present	X	X
Trimethylated Silica	Present	X		Present		Present	X	Present	X	X
Stoddard solvent	Present	X		Present		Present	X	Present	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**

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

**SARA 313**

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Hexane - 110-54-3	110-54-3	50-70	1.0
Isopropyl Alcohol - 67-63-0	67-63-0	20-40	1.0

**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
Hexane 110-54-3	X	X	X
Isopropyl Alcohol 67-63-0	X	X	X
Stoddard solvent 8052-41-3	X	X	X

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

Not determined

**Flammability**

Not determined

**Instability**

Not determined

**Special Hazards**

Not determined

**HMIS****Health Hazards**

2

**Flammability**

4

**Physical Hazards**

0

**Personal Protection**

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**Issue Date:** 01-Sep-2012**Revision Date:** 31-Mar-2015**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**