

## 1. IDENTIFICATION

**Product identifier**

**Product Name** Slide Silicone Mold Release Bulk

**Other means of identification**

**SDS #** 401PBULK

**Product Code** 40101PB, 40105PB and 40155PB  
**UN/ID No** UN1206

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

**Recommended Use** For industrial use.

**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: 1-800-323-6433  
 Fax: 1-800-756-7986  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
 1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Physical state** Liquid

**Classification**

|  |            |
|--|------------|
| Skin corrosion/irritation                        | Category 2 |
| Specific target organ toxicity (single exposure) | Category 3 |
| Aspiration toxicity                              | Category 1 |
| Flammable liquids                                | Category 2 |

**Signal Word**

**Danger**

**Hazard statements**

Causes skin irritation  
 May cause drowsiness or dizziness  
 May be fatal if swallowed and enters airways  
 Highly flammable liquid and vapor



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Avoid breathing 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  
 Wear protective gloves/eye protection/face protection  
 Keep cool

**Precautionary Statements - Response**

IF ON SKIN (or hair): 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 person to fresh air and keep comfortable for breathing  
 Call a POISON CENTER or doctor if you feel unwell  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor  
 Do NOT induce vomiting  
 IN CASE OF FIRE: Use CO<sub>2</sub>, dry chemical, or foam to extinguish

**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**

Very toxic to aquatic life with long lasting effects

|  |
|--|
| <b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b> |
|--|

| Chemical name        | CAS No.    | Weight-% |
|----------------------|------------|----------|
| N-Heptane            | 142-82-5   | 90-99    |
| Polydimethylsiloxane | 63148-62-9 | 1-9      |

\*\*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. \*\*

|                              |
|------------------------------|
| <b>4. FIRST AID MEASURES</b> |
|------------------------------|

**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> | 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 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 in contact with skin. Causes skin irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. |
|-----------------|---|

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

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | 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 liquid and vapor.

**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**

|                             |  |
|-----------------------------|--|
| <b>Personal Precautions</b> | Use personal protective equipment as required. |
|-----------------------------|--|

**Environmental precautions**

|                                  |   |
|----------------------------------|---|
| <b>Environmental precautions</b> | See Section 12 for additional Ecological Information. |
|----------------------------------|---|

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

|                                |   |
|--------------------------------|---|
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so. |
|--------------------------------|---|

|                             |   |
|-----------------------------|---|
| <b>Methods for Clean-Up</b> | Keep in suitable, closed containers for disposal. |
|-----------------------------|---|

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

|                                |  |
|--------------------------------|--|
| <b>Advice on Safe Handling</b> | Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing 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. Wear protective gloves/protective clothing and eye/face protection. Keep cool. |
|--------------------------------|--|

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

|                           |   |
|---------------------------|---|
| <b>Storage Conditions</b> | Store locked up. Store in a well-ventilated place. Keep container tightly closed. |
|---------------------------|---|

|                               |   |
|-------------------------------|---|
| <b>Incompatible Materials</b> | None known based on information supplied. |
|-------------------------------|---|

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

| Chemical name         | ACGIH TLV                     | OSHA PEL  | NIOSH IDLH  |
|-----------------------|-------------------------------|---|---|
| N-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> |

### 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> | Liquid         | <b>Odor</b>           | Not determined |
| <b>Appearance</b>     | Not determined | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Not determined |                       |                |

| <u>Property</u>                               | <u>Values</u>  | <u>Remarks • Method</u> |
|---|----------------|-------------------------|
| <b>pH</b>                                     | Not determined |                         |
| <b>Melting point / freezing point</b>         | Not determined |                         |
| <b>Boiling point / boiling range</b>          | 98 °C / 208 °F |                         |
| <b>Flash point</b>                            | -4 °C / 25 °F  |                         |
| <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>    | Do not ingest.                       |

### Component Information

| Chemical name                      | Oral LD50                       | Dermal LD50           | Inhalation LC50                  |
|------------------------------------|---------------------------------|-----------------------|----------------------------------|
| N-Heptane<br>142-82-5              | -                               | = 3000 mg/kg (Rabbit) | = 103 g/m <sup>3</sup> (Rat) 4 h |
| Polydimethylsiloxane<br>63148-62-9 | > 24 g/kg (Rat) > 17 g/kg (Rat) | > 2 g/kg (Rabbit)     | -                                |

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

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | 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>Skin corrosion/irritation</b> | Causes skin irritation.   |
| <b>Carcinogenicity</b>           | Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. |
| <b>STOT - single exposure</b>    | May cause drowsiness or dizziness.  |
| <b>Aspiration hazard</b>         | 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.

|                                      |                |
|--------------------------------------|----------------|
| <b>Dermal LD50</b>                   | 2,927.00 mg/kg |
| <b>ATEmix (inhalation-dust/mist)</b> | 108.40 mg/L    |

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

Very toxic to aquatic life with long lasting effects.

**Component Information**

| Chemical name         | Algae/aquatic plants | Fish                               | Crustacea                           |
|-----------------------|----------------------|------------------------------------|-------------------------------------|
| N-Heptane<br>142-82-5 |                      | 375.0: 96 h Cichlid fish mg/L LC50 | 10: 24 h Daphnia magna mg/L<br>EC50 |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

| Chemical name         | Partition coefficient |
|-----------------------|-----------------------|
| N-Heptane<br>142-82-5 | 4.66                  |

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

|                               |   |
|-------------------------------|---|
| <b>Disposal of Wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated Packaging</b> | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

**California Hazardous Waste Status**

| Chemical name         | California Hazardous Waste Status |
|-----------------------|-----------------------------------|
| N-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**

|                             |  |
|-----------------------------|--|
| <b>UN/ID No</b>             | UN1206                                 |
| <b>Proper Shipping Name</b> | Heptanes solution                      |
| <b>Hazard class</b>         | 3                                      |
| <b>Packing Group</b>        | II                                     |
| <b>Marine Pollutant</b>     | Yes, in containers larger than 119 gal |

**IATA**

|                                   |                   |
|-----------------------------------|-------------------|
| <b>UN number</b>                  | UN1206            |
| <b>Proper Shipping Name</b>       | Heptanes solution |
| <b>Transport hazard class(es)</b> | 3                 |
| <b>Packing Group</b>              | II                |

**IMDG**

|                                   |                   |
|-----------------------------------|-------------------|
| <b>UN number</b>                  | UN1206            |
| <b>Proper Shipping Name</b>       | Heptanes solution |
| <b>Transport hazard class(es)</b> | 3                 |
| <b>Packing Group</b>              | II                |
| <b>Marine Pollutant</b>           | Yes               |

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

**International Inventories**

| Chemical name        | TSCA | DSL/NDSL | EINECS/E<br>LINCS | ENCS | IECSC | KECL | PICCS | AICS |
|----------------------|------|----------|-------------------|------|-------|------|-------|------|
| N-Heptane            | X    | X        | X                 | X    | X     | X    | X     | X    |
| Polydimethylsiloxane | 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**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**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 |
|-----------------------|------------|---------------|--------------|
| N-Heptane<br>142-82-5 | X          | X             | X            |

**16. OTHER INFORMATION**

|                    |   |                                       |                                      |   |
|--------------------|---|---------------------------------------|--------------------------------------|---|
| <b><u>NFPA</u></b> | <b>Health Hazards</b><br>Not determined | <b>Flammability</b><br>Not determined | <b>Instability</b><br>Not determined | <b>Special Hazards</b><br>Not determined  |
| <b><u>HMIS</u></b> | <b>Health Hazards</b><br>2              | <b>Flammability</b><br>3              | <b>Physical hazards</b><br>0         | <b>Personal Protection</b><br>X<br>Consult your supervisor<br>for special handling<br>instructions. |

Issue Date: 17-Sep-2018  
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 Revision Note: Regulatory Update

**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**