SPI Supplies Division
Structure Probe, Inc.
P.O. Box 656 West Chester, PA 19381-0656 USA
Phone: *1-(610)-436-5400* ***Fax:*** *1-(610)-436-5755*
E-mail: *spi3spi@2spi.com*
WWW: http://www.2spi.com
Manufacturer's CAGE: 1P573

Material Safety Data Sheet

SPI #01364-AA and 01365-AB SPI-Chem™ Epoxy Release Agent

Section 1: Identification

```
Date Effective...........  July 27, 2009
                           (most recent revision)

Chemical Name/Synonyms...
On Label:  SPI-Chem™ Epoxy Release Agent

Chemical Family..........  Hydrocarbon


Emergencies
Contacting CHEMTREC:

24 Hour Emergency Use Only #'s...
Worldwide phone: 1-(703)-527-3887
Worldwide FAX:   1-(703)-741-6090
Toll-free phone: 1-(800)-424-9300 USA only


Product or Trade Name....  SPI #01364-AB and 01365-AB
                           SPI-Chem™ Epoxy Release Agent

CAS #....................  Not known

Chemical Formula.........  Not applicable
```

Section 2 Composition

Component Name Composition	CAS #/EIN#	ACGIH TLV	OSHA PEL	Wt %
Petroleum Solvent	64741-66-8 265-068-8	NE	Ne	85-95
Stoddard Solvent	8052-41-3 232-489-3	500 ppm	100 ppm	1-4
Trimethylated Silica	68988-56-7 273-530-5	NE	NE	1-4
Silicone Polymer Blend	Mixture	NE	NE	5-10

NE = None Established

NFPA Rating: H: 2 F: 3 R: 1
HMIS Rating: H: 2 F: 3 R: 1

Section 3: Hazard Identification

Routes of entry
Eye: Eye contact with liquid or vapor may cause irritation.
Inhalation? Yes
Skin? Yes
Ingestion? Yes

Health Hazards (Acute and chronic):
Skin contact may prove locally irritating, causing drying and/or chapping. Excessive inhalation may cause headache and dizziness.

Effects of ingestion: Not known.

Carcinogenicity:
NTP? No
IARC Monographs? No
OSHA Regulated? No

Section 4: First Aid Measures

Signs and Symptoms of Exposure:
Prolonged skin contact may cause drying and/or chapping.

Medical conditions generally aggravated by exposure:
Not established. Unnecessary exposure to this product or any industrial chemical should be avoided.

Emergency and First Aid Procedures:

Eyes: Immediately flush eyes with copious amounts of water for minimum 15 minutes. Call physician.

Skin: Flush with plenty of soap and water.

Inhalation: Remove to fresh air.

Ingestion: Not known but see a physician immediately.
Do not induce vomiting unless instructed by a physician.

Section 5: Fire Fighting Measures

NFPA Rating: Not known

Extinguishing Media

Fire: Water Fog, Dry Chemical and Carbon Dioxide Foam

General Hazard: Material will readily ignite at ambient temperatures. Material can accumulate static charges which can cause an incendiary electrical discharge. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose caontainers to heat, flame, sparks, static electricity, or other sources of ignition. Containers may retain product residue.

Suitable/Not suitable:

Fire: Use extinguishing media suitable for the surrounding materials.

Special firefighting procedures:
Wear NIOSH approved self-contain breathing apparatus and protective clothing.

Unusual Fire/Explosion Hazards: None

Hazardous thermal decomposition products: None known.

Protection of fire fighters: No special measures are required.

```
Flammable Limits:
     Lower Explosive Level (LEL):  1.5
     Upper Explosive Level (UEL):  11.6
```

Section 6: Accidental Release Measures

```
Personal precautions:  Evacuate area until vapor has dispersed. Remove all sources of
ignition.  Stop or reduce discharge if it can safely be done.


Environmental Precautions and Clean Up Methods:
No special precautions
```

Section 7: Handling and Storage

```
Respiratory:
      Organic vapor type of respirator if ventilation is not adequate.

Ventilation:
      Local exhaust for normal solvent ventilation.

Eye protection:
      Safety glasses

Gloves:
      Rubber or plastic gloves required.

Other protective equipment:
      None.
```

Section 8: Exposure Controls and Personal Protection

```
Engineering controls:  Provid general or local exhaust ventilation systems to maintain
airborne concentrations below OSHA PELs.  Eyewash Station must be available to the work area.

Personal Protective Equipment

     Respiratory system:  Provide adequate ventilation.  If OSHA PELs will be exceeded, wear an
     MSHA/NIOS approved respirator to meet OSHA respirator regulations (29CFR 1910.134).

     Skin and body:  Laboratory coat

     Hands:  Impervious gloves recommended

     Eyes:  Goggles and/or splash shields are recommended,
            especially when handling the concentrated material.

     Other:  Wash hands before eating, drinking, or smoking.
```

Section 9: Physical and Chemical Properties

```
Physical State and Appearance:  Clear liquid

Odor:  ethereal
```

Boiling Point: 96-107°C (205-255°F)

Melting Point: Not known

Density (water = 1): 0.72

Solubility: insoluble

Octanol/water partition coefficient: Not available

pH: Not known

Flash Point: <-7°C (19°F)

Flammability: Flammable

Autoignition temperature: 750°F (400°C)

Vapore Presure: -63mm @ 68 °F

Explosion properties: Not known

Section 10: Stability and Reactivity

Chemical Stability: The product is stable

Conditions to Avoid: None known

Incompatibility with: Heat, sparks, open flame

Hazardous Products of Deposition: Thermal decomposition may yield incompletely burned carbon products, silicone dioxide, carbon oxides, formaldehyde.

Reactions with Air and Water: Does not react with air or water.

Section 11: Toxicological Information

Summary: 500 ppm for CAS# 8052-41-3.

Skin Effects: Can be locally drying, if not also irritating.

Eye Irritation: Can be irritating to the eyes.

Sensitization: Not known

Inhalation: If excessive, could result in headache and/or dizziness.

Chronic toxicity: There is no known effect from the chronic exposure to this product.

Section 12: Ecological Information

Exotoxicity: Not known

Environmental Fate: No information found in our selected references.

Bioaccumulation: Not expected to occur.

Section 13: Disposal Considerations

This material is NOT classified as a hazardous material by RCRA. Use only licensed transporters and permitted disposal facilities and conform to all laws.

Recycle to process, if possible.

Germany water class: VCI WGK: No products were found.

Methods of disposal; waste of residues; contaminated packaging:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

Proper Shipping Name: Petroleum Distillate N.O.S. (Naphtha Solvent)

DOT Hazard Class: Hazard Class 3

UN/NA ID: UN # 1268

Packing Group: Packing Group II

Air:
IATA-DGR Class:

Proper Shipping Name: Petroleum Distillate N.O.S. (Naphtha Solvent)

DOT Hazard Class: Hazard Class 3

UN/NA ID: UN # 1268

Packing Group: Packing Group II

Section 15: Regulatory Information

TSCA: All components of this product are listed on the TSCA 8(b) inventory. If identified components of this product are listed under the TSCA 12(b) Export Notification Rule, they will be listed below.

TSCA 12(b) Component Listed under TSCA Section

SARA Title 3: Section 313 Information/Emissions Reporting (**40 CFR 372**):

Component Reporting Threshold

SARA-Section 311/312:

No components present in this product are subject to the reporting requirements of this statute.

CERCLA Hazardous Substances and their Reportable Quantities:

Component Reportable Quantity

State Regulations:
CAS# 8052-42-3 is listed on the Florida, Massachusetts, Minnestota, Pennsylvania and Washington State Right-to-Know lists.

EU Regulations:

T - Toxic

Risk Phrases:

R 45 May cause cancer
R 46 May cause heritable genetic damage
R 65 Harmful: may cause lung damage is swallowed

Safety Phrases:

S 45 In case of accident or if you feel unwell, seek medical attention imm
S 53 Avoid exposure - Obtain special instructions before use

California Prop. 65:
Proposition 65 requires manufacturers or distributors of consumer products into the State of California to provide a warning statement if the product contains ingredients for which the State has found to cause cancer, birth defects or other reproductive harm. If this product contains an ingredient listed by the State of California to cause cancer or reproductive toxicity, it will be listed below:

None found

Section 16: Other Information

Disclaimer of Liability:

Caution! Do not use SPI Supplies products or materials in applications involving implantation within the body; direct or indirect contact with the blood pathway; contact with bone, tissue, tissue fluid, or blood; or prolonged contact with mucous membranes. Products offered by SPI Supplies are not designed or manufactured for use in implantation in the human body or in contact with internal body fluids or tissues. SPI Supplies will not provide to customers making devices for such applications any notice, certification, or information necessary for such medical device use required by US FDA (Food and Drug Administration) regulation or any other statute. SPI Supplies and Structure Probe, Inc. make no representation, promise, express warranty or implied warranty concerning the suitability of these materials for use in implantation in the human body or in contact with internal body tissues of fluids.

****

The information and recommendations set forth above are taken from sources believed to be accurate as of the date hereof, however SPI Supplies and Structure Probe, Inc. make no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assume no liability to any user thereof. The information contained in this sheet does not constitute a hazard assessment and should not be used in place of the user's own assessment of work place risks as required by other health and safety legislation. Be aware of the Structure Probe, Inc. Copyright Policy. Structure Probe, Inc. grants a nonexclusive license to make unlimited copies of this safety sheet for internal use only. Quite obviously, this information would pertain only to this material when purchased from SPI Supplies as product from other sources, with other ingredients and impurity levels could have substantially different properties.

ON-LINE To Ask a Question or Make a Comment

ON-LINE To Place an Order or Request a Quote

Search SPI Navigator Index

Return to:

- SPI Supplies MSDS Safety Sheets Table of Contents
- SPI Supplies Catalog Table of Contents
- SPI Supplies Home Page

© Copyright 2003 - . By Structure Probe, Inc.
Contacting SPI Supplies and Structure Probe, Inc.
All rights reserved.
All trademarks and trade names are the property of their respective owners.
Privacy Policy

Worldwide Distributors, Representatives, and Agents