Sony® PVC-17 Low VOC PVC Plastic Pipe Cement

SUPPLIER:
Spears® Manufacturing Company
15853 Olden Street
Sylmar, CA 91342
Tel. 818-364-1611

EMERGENCY: Transportation/Medical issues: Tel. 800-535-5053 or 352-323-3500 (outside of USA) INFOTRAC

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:
Acute Toxicity: Category 4
Skin Sensitization: NO
Skin Irritation: Category 3
Chronic Toxicity: None Known
Acute Toxicity: None Known
Flammable Liquid Category 2

Hazard Statements:
H225: Highly flammable liquid and vapor
H319: Causes serious eye irritation
H332: Harmful if inhaled
H335: May cause respiratory irritation
H336: May cause drowsiness or dizziness
H351: Suspected of causing cancer

Precautionary Statements:
P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233: Store in a well ventilated place. Keep container tightly closed
P261: Avoid breathing dust/fume/gas/mist/vapors/spray
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338: IN CASE OF CONTACT WITH EYES: Rinse immediately with plenty of water for 15 minutes and seek medical advice immediately.
P321: Keep out of reach of children
P350+P351: Wear protective gloves/protective clothing/eye protection/face protection
P403+P233: Store in a well ventilated place. Keep container tightly closed
P405: Keep away from eyes, skin and clothing
P501: Dispose of contents/container in accordance with local regulation

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

CAS# EINECS # CONCENTRATION

Tetrahydrofuran (THF) 109-99-9 203-726-8 05-2116297729-22-0000 40 - 60
Methyl Ethyl Ketone (MEK) 78-93-3 201-159-0 05-2116297726-24-0000 5 - 36
Cyclohexanone 108-94-1 203-631-1 05-2116297716-25-0000 10 - 25
Acetone 67-64-1 200-662-2 05-2116297713-35-0000 2 - 7

All of the constituents of this adhesive product are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that listing.

* Indicates this chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372).

SECTION 4 - FIRST AID MEASURES

Contact with eyes: Flush eyes immediately with plenty of water for 15 minutes and seek medical advice immediately.
Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If irritation develops, seek medical advice.
Inhalation: Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.
Ingestion: Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Seek medical advice immediately.

Likely Routes of Exposure:
Inhalation, Eye and Skin Contact

Acute symptoms and effects:
Inhalation: Severe overexposure may result in nausea, dizziness, headache. Can cause drowsiness, irritation of eyes and nasal passages.
Eye Contact: Vapors slightly uncomfortable. Overexposure may result in severe eye injury with corneal or conjunctival inflammation on contact with the liquid.
Skin Contact: Liquid contact may remove natural skin oils resulting in skin irritation. Dermatitis may occur with prolonged contact.
Ingestion: May cause nausea, vomiting, diarrhea and mental sluggishness.

SECTION 5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical powder, carbon dioxide gas, foam, Halon, water fog.
Unsuitable Extinguishing Media: Water spray or stream.
Exposure Hazards: Inhalation and dermal contact
Combustion Products: Oxides of carbon, hydrogen chloride and smoke
Protection for Firefighters: Self-contained breathing apparatus or full-face positive pressure airline masks.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Keep away from heat, sparks and open flame. Provide sufficient ventilation, use explosion-proof exhaust ventilation equipment or wear suitable respiratory protective equipment. Prevent contact with skin or eyes (see section 8).
Environmental Precautions: Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course.
Methods for Cleaning up: Clean up with sand or other inert absorbent material. Transfer to a closable steel vessel.
Materials not to be used for clean up: Aluminum or plastic containers

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid breathing of vapor, avoid contact with eyes, skin and clothing.
Keep away from ignition sources, use only electrically grounded handling equipment and ensure adequate ventilation/fume exhaust hoods. Do not eat, drink or smoke while handling.
Storage: Store in ventilated room or shade below 44 °C (110 °F) and away from direct sunlight.
Keep away from ignition sources and incompatible materials: caustics, ammonia, inorganic acids, chlorinated compounds, strong oxidizers and isocyanates. Follow all precautionary information on container label, product bulletins and solvent cementing literature.
SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TLV</th>
<th>ACGIH STEL</th>
<th>OSHA PEL</th>
<th>OSHA STEL:</th>
<th>CAL/OSHA PEL</th>
<th>CAL/OSHA STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrahydrofuran (THF)</td>
<td>50 ppm</td>
<td>100 ppm</td>
<td>200 ppm</td>
<td>N/E</td>
<td>200 ppm</td>
<td>250 ppm</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone (MEK)</td>
<td>200 ppm</td>
<td>300 ppm</td>
<td>50 ppm</td>
<td>N/E</td>
<td>25 ppm</td>
<td>N/E</td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td>20 ppm</td>
<td>50 ppm</td>
<td>1000 ppm</td>
<td>N/E</td>
<td>500 ppm</td>
<td>N/E</td>
</tr>
<tr>
<td>Acetone</td>
<td>500 ppm</td>
<td>750 ppm</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
</tr>
</tbody>
</table>

Engineering Controls: Use local exhaust as needed.
Monitoring: Maintain breathing zone airborne concentrations below exposure limits.

Personal Protective Equipment (PPE):
Skin Protection: Prevent contact with the skin as much as possible. Butyl rubber gloves should be used for frequent immersion.
Eye Protection: Avoid contact with eyes, wear splash-proof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, etc. as may be appropriate for the exposure.
Respiratory Protection: Prevent inhalation of the solvents. Use in a well-ventilated room. Open doors and/or windows to ensure airflow and air changes. Use local exhaust ventilation to remove airborne contaminants from employee breathing zone and to keep contaminants below levels listed above.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Gray or Clear, heavy syrupy liquid
Odor: Ether-Like
pH: Not Applicable
Melting/Freezing Point: -108.5 °C (-163.3 °F) Based on first melting component: THF
Boiling Point: 56 °C (133 °F) Based on first boiling component: Acetone
Flash Point: -20 °C (-4 °F) TCC based on Acetone
Specific Gravity: 0.967 ± 0.01 @ 23 °C ± 2 ° (73 °F ± 3.6 °)
Solubility: Solvent portion soluble in water. Resin portion separates out.

Partition Coefficient octanol/water: Not Available
Auto-Ignition Temperature: 321 °C (610 °F) based on THF
Decomposition Temperature: Not Applicable
VOC Content: When applied as directed, per SCAQMD Rule 1168, Test Method 316A VOC content is: < 510 g/l.

SECTION 10 - STABILITY AND REACTIVITY
Stability: Stable
Hazardous decomposition products: None in normal use. When forced to burn, this product gives off oxides of carbon, hydrogen chloride and smoke.
Conditions to avoid: Keep away from heat, sparks, open flame and other ignition sources.
Incompatible Materials: Oxidizers, strong acids and bases, amines, ammonia

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicity: LC50: Target Organs
- Acetone
  - Oral: 2842 mg/kg (rat)
  - Inhalation 3 hrs. 21,000 mg/m³ (rat)
  - STOT SE3
- Methyl Ethyl Ketone (MEK)
  - Oral: 2727 mg/kg (rat), Dermal: 6400 mg/kg (rabbit)
  - Inhalation 8 hrs. 23,500 mg/m³ (rat)
  - STOT SE3
- Cyclohexanone
  - Oral: 1535 mg/kg (rat), Dermal: 900 mg/kg (rabbit)
  - Inhalation 4 hrs. 8,000 PPM (rat)
  - N/E
- Acetone
  - Oral: 5800 mg/kg (rat)
  - Inhalation 50,100 mg/m³ (rat)
  - N/E

Reproductive Effects: Not Established
Teratogenicity: Not Established
Mutagenicity: Not Established
Embryotoxicity: Not Established
Sensitization to Product: Not Established
Synergistic Products: Not Established

SECTION 12 - ECOLOGICAL INFORMATION
Ecotoxicity: None Known
Mobility: In normal use, emission of volatile organic compounds (VOCs) to the air takes place, typically at a rate of < 510 g/l.
Degradability: Biodegradable
Bioaccumulation: Minimal to none.

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS
Follow local and national regulations. Consult disposal expert.

SECTION 14 - TRANSPORT INFORMATION
Proper Shipping Name: Adhesives
Hazard Class: 3
Secondary Risk: None
Identification Number: UN 1133
Packaging Group: PG II
Label Required: Class 3 Flammable Liquid
Marine Pollutant: NO

SECTION 15 - REGULATORY INFORMATION
Precautionary Label Information: Highly Flammable, Irritant
Symbols: F, Xi
Safety Phrases: S9: Keep container in a well-ventilated place. S16: Keep away from sources of ignition - No smoking. S25: Avoid contact with eyes. S46: If swallowed, seek medical advise immediately and show this container or label.

SECTION 16 - OTHER INFORMATION
Specification Information: Environmental Health & Safety
E-mail address: EHSinfo@SpearsMfg.net
This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.