MATERIAL SAFETY DATA SHEET

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose.

Gorilla urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved.

In the interest of safety, you should notify your employees, agents and contractors of the information on this sheet.

SECTION I

MANUFACTURER'S NAME
Gorilla PVC Cement LLC
ADDRESS
P. O. Box 848969, Hollywood, FL 33084

TRADE NAME:
GORILLA PVC Cement for Plastic Pipe
FORMULA: Proprietary

SECTION II - HAZARDOUS INGREDIENTS

None of the ingredients below are listed as carcinogens by IARC, NTP or OSHA

<table>
<thead>
<tr>
<th>CAS#</th>
<th>APPROX %</th>
<th>ACGIH-TLV</th>
<th>ACGIH-STEL</th>
<th>OSHA-PEL</th>
<th>OSHA-STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyvinyl Chloride Resin (PVC)</td>
<td>NON/HAZ</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N-Methylpyrrolidone (‡)</td>
<td>872-50-4</td>
<td>80 - 90*</td>
<td>N/E</td>
<td>N/E</td>
<td></td>
</tr>
</tbody>
</table>

N/E = Not Established, N/A = Not Applicable

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

PROPOSITION 65 NOTICE
This product (‡) contains chemicals known to the state of California to cause reproductive toxicity.

SECTION III - PHYSICAL DATA

APPEARANCE
Clear, syrupy liquid

ODOR
Amine

BOILING POINT (°F/°C)
202°F (95°C) Based on N-Methylpyrrolidone

SPECIFIC GRAVITY @ 73°F ± 3.6° (23°C ± 2°)
Typical 1.068 ± 0.040

VAPOR PRESSURE (mm Hg)
< 1 millibar @ 68°F (20°C) based on N-Methylpyrrolidone

PERCENT VOLATILE BY VOLUME (%)
Approx: 80 - 90 %

VAPOR DENSITY (Air = 1)
3.4

EVAPORATION RATE (BUAC = 1)
N/A

SOLUBILITY IN WATER
Solvent - complete. Resin precipitates.

VOC STATEMENT: Maximum VOC emissions when applied and tested per SCAQMD Rule 11689, Test Method 316A: 510 Grams/Liter (g/l).

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT
199°F (91°C) P-M. C. C. Based on N-MP

FLAMMABLE LIMITS (PERCENT BY VOLUME)
LEL 1.3
UEL 9.5

FIRE EXTINGUISHING MEDIA
In case of fire, use water, fog, foam, carbon dioxide or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES
Fire fighters should be equipped with self-contained breathing apparatus and turn-out gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Low, when exposed to heat or flames. Can react with oxidizing materials.
SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY:
- X Inhalation
- X Skin Contact
- X Eye Contact
- X Ingestion

EFFECT OF OVEREXPOSURE

ACUTE:
- Inhalation: Severe overexposure may result in nausea, dizziness, headache. May cause drowsiness, irritation of eyes and nasal passages.
- Skin Contact: Prolonged contact causes irritation and defatting of the skin.
- Eye Contact: Contact with eyes causes irritation and temporary corneal clouding.
- Ingestion: May cause nausea, dizziness, gastric upset and vomiting.

CHRONIC:
In animal studies in rats and mice, N-MP was embryotoxic by the oral and intraperitoneal routes at very high dose levels. In a dermal exposure study with rats, N-MP was only embryotoxic at the high dose levels. This effect was attributed to maternal toxicity.

SECTION VI - REACTIVITY

STABILITY
- UNSTABLE
- STABLE

CONDITIONS TO AVOID
- Moisture - compound is hygroscopic

INCOMPATIBILITY
(MATERIALS TO AVOID)
- Strong acids, oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS
- Oxides or nitrogen and carbon may form under burning conditions.

HAZARDOUS POLYMERIZATION
- MAY OCCUR
- WILL NOT OCCUR

CONDITIONS TO AVOID
- X
- N/A

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
- Eliminate all ignition sources. Avoid breathing of vapors. Keep liquid out of eyes. Flush with large amount of water. Contain liquid with sand or earth. Absorb with nonflammable absorbent material and transfer into steel drums for recovery or disposal. Prevent liquid from entering drains.

WASTE DISPOSAL METHOD
- Follow local, State and Federal regulations. Incinerate or bury as a solid after absorption on cementation in a licensed facility. Do not discharge into waterways or sewer systems.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)
If vapors or mists are generated, wear a NIOSH/MSHA approved organic vapor/mist respirator or an air supplied respirator as appropriate.

VENTILATION
- Use only with adequate ventilation. Provide sufficient ventilation in volume and pattern to keep contaminants below applicable exposure limits set forth in Section II. Use only explosion proof ventilation equipment.

PROTECTIVE GLOVES
- Butyl rubber or Fep teflon gloves for frequent dipping/immersion. Use of latex/nitrile surgical gloves or solvent resistant barrier creme should provide adequate protection when normal solvent-cement welding practices & procedures are used for plastic sheet/pipe joints.

EYE PROTECTION
- Splashproof chemical goggles

OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES
- Impervious apron, boots as necessary. A source of running water to flush or wash the eyes and skin in case of contact.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
All label precautions must be observed when handling and storing. Store in the shade between 40°F - 110°F (5°C - 44°C). Keep away from heat, sparks, open flame and other sources of ignition. Avoid prolonged breathing of vapor. Use with adequate ventilation contact with eyes, skin and clothing. Train employees on all special handling procedures before they work with this product.

OTHER PRECAUTIONS
- Follow all precautionary information given on container label, product bulletins and our solvent cementing literature. All handling equipment should be electric grounded.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.