MATERIAL SAFETY DATA SHEET
PIPE PAINT MARKER PT BROADLINE YELLOW FIBER POINT

SECTION I – PRODUCT INFORMATION

Distributor’s name: Allied Rubber & Gasket Company
2610 Commerce Way
Vista, Ca 92081

In case of emergency: Contact your local poison control center
For information call: (800) 854-1015

Date prepared: November 2, 2010
Product name: Pipe Paint Marker PT Broadline Yellow Fiber Point

SECTION II – COMPOSITION INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
<th>OSHA PEL</th>
<th>ACGIH-TLV</th>
<th>Recommended</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>TWA 100 ppm</td>
<td>TWA 100 ppm</td>
<td>No Data</td>
<td>45-55</td>
</tr>
<tr>
<td>1-Methoxy-2-Propano Acetate</td>
<td>108-65-6</td>
<td>No Data</td>
<td>No Data</td>
<td>No Data</td>
<td>25-35</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>TWA 10mg/m3</td>
<td>TWA 10mg/m3</td>
<td>Nuisance dust</td>
<td>1-10</td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td>100-41-4</td>
<td>TWA 100 ppm</td>
<td>TWA 100 ppm</td>
<td>No Data</td>
<td>1-10</td>
</tr>
<tr>
<td>Diarylide Yellow</td>
<td>5468-75-7</td>
<td>No Data</td>
<td>No Data</td>
<td>No Data</td>
<td>1-10</td>
</tr>
</tbody>
</table>

SECTION III – HAZARDS IDENTIFICATION

DANGER! Harmful or fatal if swallowed. Flammable liquid. Keep away from heat and flames. Avoid eye contact. Use with adequate ventilation.

The Mighty Marker Paint marking pen contains from 4 to 20 ml of liquid. The liquid contents are only released in a controlled manner when the tip of the pen is pressed. No free liquid is present under normal conditions of use. This product presents only a minimal fire and exposure hazard.

HEALTH HAZARDS

INGESTION: Ingestion of significant amounts is extremely unlikely due to product form. Ingestion of liquid contents may cause vomiting.

EYES: Contact with the liquid contents may be mildly irritating to eyes. May cause redness and tearing.

SKIN: Prolonged and/or repeated contact with liquid contents may produce mild irritation.

INHALATION: Overexposure is very unlikely due to product form. High concentrations may cause nasal and respiratory conditions. Intentional abuse may be harmful or fatal

SECTION IV – FIRST AID MEASURES

INGESTION: Ingestion of significant amounts is extremely unlikely due to product form. DO NOT induce vomiting. Call physician.

EYE CONTACT: Flush thoroughly with water. Get medical attention if irritation persists.

SKIN CONTACT: Wash with soap and water. If irritation develops and persists, get medical attention.

INHALATION: Inhalation overexposure is very unlikely due to product form. If irritation is experienced, move to fresh air. Get medical attention if irritation or other symptoms develop and persist.
SECTION V – FIRE FIGHTING MEASURES

FLASH POINT: 76°F (TCC) ASTM D56
FLAMMABLE LIMITS: LEL 1.0 UEL 13.1
EXTINGUISHING MEDIA: Use water fog, dry chemical, carbon dioxide or foam
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing.
UNUSUAL FIRE/EXPLOSION HAZARDS: The liquid content of the pen is flammable liquid; however, the pen contains a small amount of the liquid, and the contents are released only when pressure is applied to the tip.

SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL RESPONSE: Large spill of this product are unlikely due to product form. If marking pen leaks, wipe up any free liquid, and place the pen and waste in an appropriate container for disposal. In storage where large numbers of pens may be damaged, eliminate all sources of ignition, ventilate area and collect the pens into container for disposal. Collect any released liquid with an inert absorbent and place in a container for disposal.

SECTION VII – HANDLING AND STORAGE

HANDLING: Keep product away from open flame. Keep away from children. Replace cap on pen when not in use. Avoid contact with eyes. Avoid prolonged contact with skin.
STORAGE: Store away from heat and flame.

SECTION VIII – EXPOSURE CONTROL/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>ACGIV TLV (8-hr. TWA)</th>
<th>U.S. OSHA PEL (8-hr. TWA)</th>
<th>Ontario (Canada) TWAEV</th>
<th>UK OEL (8-hr. TWA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>100 ppm</td>
<td>100 ppm</td>
<td>100 ppm (435 mg/m³)</td>
<td>100 ppm (441 mg/m³)</td>
</tr>
<tr>
<td></td>
<td>150 ppm STEL</td>
<td>150 ppm STEL</td>
<td>150 ppm (650 mg/m³)</td>
<td>150 ppm STEL, Skin</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100 ppm</td>
<td>100 ppm</td>
<td>100 ppm (435 mg/m³)</td>
<td>100 ppm (441 mg/m³)</td>
</tr>
<tr>
<td></td>
<td>125 ppm STEL</td>
<td>125 ppm STEL</td>
<td>125 ppm (540 mg/m³)</td>
<td>125 ppm (552 mg/m³)</td>
</tr>
</tbody>
</table>

EYE PROTECTION: None should be needed for normal use. Avoid eye contact.
SKIN PROTECTION: None should be needed for normal use. Avoid repeated or prolonged contact with skin. Wear impervious gloves if needed to prevent possible skin irritation.
RESPIRATORY PROTECTION: None should be needed for normal use.
VENTILATION: No special ventilation is normally required.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOILING POINT</td>
<td>282°F</td>
<td>SPECIFIC GRAVITY</td>
<td>&gt;1 @ 70°F</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Insoluble</td>
<td>MELTING POINT</td>
<td>No Data</td>
</tr>
<tr>
<td>VAPOR PRESSURE</td>
<td>No Data</td>
<td>EVAPORATION RATE</td>
<td>Less than one (1)</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Greater than one (1)</td>
<td>pH</td>
<td>No Data</td>
</tr>
</tbody>
</table>
SECTION X – STABILITY AND REACTIVITY

STABILITY: Stable
INCOMPATIBILITY: Strong oxidizing and reducing agents. Avoid heat and open flames.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide. Hazardous polymerization will not occur.

SECTION XI – TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Acute Toxicity Data</th>
<th>LD50 Oral (mg/kg)</th>
<th>LD50 Dermal (mg/kg)</th>
<th>LC50 Inhalation (4 hrs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>5 251 (mouse)</td>
<td>&gt;1 700 (rabbit)</td>
<td>6 350 ppm (rat)</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>3 500 (rat)</td>
<td>15 380 (rabbit)</td>
<td>4 000 ppm (rat)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chronic Toxicity Data</th>
<th>Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingredient</td>
<td>ACGIH</td>
</tr>
<tr>
<td>Xylene</td>
<td>A4</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>A3</td>
</tr>
</tbody>
</table>

ACGIH: (American Conference of Governmental Industrial Hygienists)
A3 – Confirmed animal carcinogen with unknown relevance to humans
A4 – Not Classifiable as a Human Carcinogen

IARC: (International Agency for Research on Cancer)
Group 2B – The agent is possibly carcinogenic to humans
Group 3 – The agent is not classifiable as to its carcinogenicity in humans.

NTP: (National Toxicity Programs)

Irritation: Normal use of marker will not result in harmful effects. Xylene may be irritating to the skin.

Sensitization: Not likely to cause sensitization.

Neurological Effects: Not expected with normal use. Xylenes act as central nervous system depressants when ingested and inhaled.

Teratogenicity: Not expected with normal use. Xylene is considered toxic to Developing fetuses.

Reproductive Toxicity: Not available.

Mutagenicity (Genetic Effects): Not available.

Toxicologically Synergistic Materials: Not available.

SECTION XII – ECOLOGICAL INFORMATION

No data is currently available

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Discard empty pen in trash. Dispose in accordance with federal, state and local regulations
SECTION XIV – TRANSPORT INFORMATION

Not meant to be all inclusive

**Domestic Highway (Containers <1 Quart are ORM-D)**

**Proper Shipping Name:** Consumer Commodity

**Hazard Class/Subsidiary:** ORM-D

**UN/NA No.:** None

**Packing Group:** None

**Label Required:** ORM-D

SECTION XV – REGULATORY INFORMATION

**U.S. Federal Regulations**

**TSCA Status:**

All ingredients in the product are listed on the TSCA inventory.

**SARA Title III:**

Sec. 302/304: None

Sec. 311/312: Flammable

Sec 313: Xylenes, Ethylbenzene

**CERCLA RQ:** Xylenes 100 lb., Ethylbenzene 1 000 lb.

**California Prop 65:**

This product contains the following chemical known to the State of California to cause cancer: Ethylbenzene

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**WHMIS Classification:**

Not Controlled.

**NSNR Status (New Substance Notifications Regulations):**

All ingredients in the product are listed, as required, on Canada’s Domestic Substances List (DSL).

**NPRI Substances (National Pollutant Release Inventory):**

Xylene, Ethylbenzene

**Risk Phrases:**

None

**Safety Phrases:**

S2: Keep out of reach of children.

SECTION XVI – OTHER INFORMATION

**HMIS and NFPA Ratings:**

2 (Health), 3 (Flammability), 0 (Reactivity), B (Personal Protection) (4=extreme, 3=high, 2=moderate, 1=slight, 0=least) (B=gloves & safety glasses).

**Disclaimer**

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END OF MATERIAL SAFETY DATA SHEET