

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

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

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 damage, 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

<u>Ingredient</u>	<u>ACGIH TLV (8-hr. TWA)</u>	<u>U.S. OSHA PEL (8-hr. TWA)</u>	<u>Ontario (Canada) TWA-EV</u>	<u>UK OEL (8-hr. TWA)</u>
Xylene	100 ppm 150 ppm STEL	100 ppm 150 ppm STEL	100 ppm (435 mg/m ³) 150 ppm (650 mg/m ³) STEV	100 ppm (441 mg/m ³) 150 ppm STEL, Skin
Ethylbenzene	100 ppm 125 ppm STEL	100 ppm 125 ppm STEL	100 ppm (435 mg/m ³) 125 ppm (540 mg/m ³) STEV	100 ppm (441 mg/m ³) 125 ppm (552 mg/m ³) STEL

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

BOILING POINT:	282°F	SPECIFIC GRAVITY:	>1 @ 70°F
SOLUBILITY IN WATER:	Insoluble	MELTING POINT:	No Data
VAPOR PRESSURE:	No Data	EVAPORATION RATE:	Less than one (1)
VAPOR DENSITY:	Greater than one (1)	pH:	No Data

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

Acute Toxicity Data

<u>Ingredient</u>	<u>LD50 Oral</u> <u>(mg/kg)</u>	<u>LD50 Dermal</u> <u>(mg/kg)</u>	<u>LC50 Inhalation</u> <u>(4 hrs.)</u>
Xylene	5 251 (mouse)	>1 700 (rabbit)	6 350 ppm (rat)
Ethylbenzene	3 500 (rat)	15 380 (rabbit)	4 000 ppm (rat)

Chronic Toxicity Data

Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen.

<u>Ingredient</u>	<u>ACGIH</u>	<u>IARC</u>	<u>NTP</u>
Xylene	A4	Group 3	Not Listed
Ethylbenzene	A3	Group 2B	Not Listed

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 know 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

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

Notifications Regulations):

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

The information contained herein is accurate and reliable as of the date issued to the best of the manufacturer's knowledge. ARGCO doesn't warrant or guarantee its accuracy or reliability and shall not be liable for any loss or damage arising from the use thereof. It is the user's responsibility to satisfy itself that the information offered for its consideration is suitable for its particular use.

END OF MATERIAL SAFETY DATA SHEET