



MSDS

XYLENE XYL077

Methyl tri-substituted benzene derivative (aromatic hydrocarbon), insoluble into water.

BMA PAINTS for commercial and industry – NAHR EL MOTT – LEBANON

Telephone: 00961(1)885385/485 – Fax: 00961(1)885685 – P.O. Box: 55091

E-mail: info@bmapaints.com / customerservice@bmapaints.com

Website : www.bmapaints.com

STABILITY AND CHEMICAL REACTIVITY:

- This product is relatively stable .
- This product do not thermal – decompose if it's used and stored according to the specifications .
- Hazardous polymerization is not expected .
- Hazardous decomposition of this product may release CO₂ , CO , NO , NO₂ , and small amount of hydrocarbons .
- This product do not self-ignite .
- This product is incompatible with strong Oxidizing agents , acids and alkalis .

COMPONENTS:

Component	% by weight	C.A.S. #
xylene	90 – 97 %	1330-20-7
additives	3 – 10 %	N.R.

N.R. : Not regulated – depending on the used products.

PRINCIPLE CHARACTERISTICS :

- Typical slow solvent , especially used for PU & 2K coatings .
- Relatively acceptable organic odor .
- HS code : 3208 10 90

APPLICATION TIPS :

- Apply in a very well ventiated area , away from any source of heat , flame or direct sunlight .

PHYSICAL CHARACTERISTICS @25°C :

- Specific gravity : 0.87 g/cm³ (water : 1g/cm³)
- Flash point : 21 – 27 °C
- Boiling point : 135 – 155 °C
- V.O.C. content : 50 – 65 % (by weight)
- Evaporation rate : moderate evaporation
- Vapor pressure : 2.7 – 10.3 mm Hg
- Vapor density : heavier than air
- Solubility : soluble in organic solvents
- Solubility in water : < 10 %
- Miscibility with water : not miscible
- Explosion limits : Lower : 1.2 Vol %
Upper : 7.5 Vol%
- (it doesn't present any explosion hazard)
- Color : approximatively clear
- Appearance : liquid
- Odor : organic hydrocarbons odor

FIRE FIGHTING MEASURES :

- Extinguishing media : - Carbon dioxide
-Waterfog
-Alcohol resistant foam
-Dry chemicals.
- Special procedure : evacuate the fire area Immediately – explosion risk .
- Fight fire from a distance due to the threat of pressures in containers which can cause a huge explosion.

TOXICOLOGICAL AND ECOLOGICAL INFORMATIONS :

- This product is not established as carcinogen If it's used accoring to the specifications .
- This product should not reach the ground or the water course - it might accumulate in the water systems (water hazard classification WGK 1) .
- In case of moderate exposure , this product is considered having a toxicological effect , especially by the ingestion media .

ENVIRONMENT PROTECTION :

- Contain and collect this product leaks with non – flammable and absorbant materials such as sand , soil dust ,.....
- The empty cans could contain some product residue , which is highly flammable ; get rid of them According to your country regulations .

FIRST AIDS MEASURES :

This product has usually a low toxicity ; there is no need for severe safety precaution unless large amounts are absorbed . Although it might have some neurological effect , so it's essential to apply it away from pregnant women and children .

Route of entry	Risk	First aid
Eye contact	Eye irritation after a prolonged exposure	Rinse eyes with large amount of clean water
Skin contact	Skin moderate irritation after a prolonged exposure	Wash the affected zone with soapy water and remove contaminated clothes
Inhalation	Headache , nausea , dizziness , vomiting , narcosis, nose, throat & lungs irritation , only after a prolonged exposure	The affected person should be moved to a very well ventilated area ; if the symptoms persist or the breathing stops , an immediate medical care is required
Ingestion	Nausea , vomiting , diarrhea , dizziness and gastrointestinal irritation .	Let the affected person drink a large amount of water , without inducing vomiting ; seek a medical care immediately

HEALTH AND SAFETY :

- The Product is flammable ; It burns with intense heat . Avoid unnecessary exposure to heat , vapors and travel to source of ignition and flash back .
- Do not smoke while using this product .
- This product is considered having relatively low toxicity , during a short exposure period and a relatively low dose , except by ingestion media .
- Do not eat or drink during the application of this product .
- Keep away from the reach of children .
- Apply away from pregnant women , children and people with respiration problems .

HANDLING AND STORAGE:

- Store in tightly closed containers & keep away from humidity , freezing , direct sunlight , heat , sparks and open flame.
- Apply this product in a well ventilated area , because the released vapors may provoque respiratory irritations .
- Do not hang this product pack on a hook.

TRANSPORT INFORMATION :

- This product is considered as flammable .
- Keep the container well closed and in uptight position during transportation .
- IMO class : 3
- UN number : 1263
- Hazard class : flammable liquid 3
- Label : Paint solvent
- Packaging group : II
- Transportation : overland , by air & by sea.