

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-265/2650-17-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

2650-17-1

Code:

M

RTECS:

Code:

X

Name:

XYLENE (SARA 313)

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

100 PPM

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

100 PPM/STEL 150

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

USE NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. USE ATMOSPHERE SUPPLYING RESPIRATOR/AIR PURIFYING RESPIRATOR FOR ORGANIC VAPORS W/PARTICULATE FILTER ATTACHMENTS.

Ventilation:

REQUIRED

Protective Gloves:

HEAT RESISTANT

Eye Protection:

SAFETY GLASSES/GOGGLES

Other Protective Equipment:

Equipment CLOTHING AS REQUIRED TO GUARD AGAINST SPLASHING OF HOT ASPHALT PRODUCTS.

Work Hygienic Practices:

NK

Supplemental Safety and Health:

**IN ALL CASES, GET IMMED MEDICAL ATTENION.

Health Hazards Data

LD50LC50Mixture:

NK

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

YES

OSHA:

NO

Health Hazards Acute And Chronic:

EYE: IRRIT, THERMAL BURNS, TEARING, ABNORMAL VISUAL INTOLERANCE TO LIGHT. SKIN: IRRIT, THERMAL BURNS. INHAL: IRRIT TO RESPIRATORY TRACT/THROAT/NOSE. CNS DEPRESSION (GIDDY, HEADACHE, DIZZY, NAUSEA). KIDNEY/LIVER DAMAGE, CHEMICAL PNEUMONITIS, COMA, DEATH, CONVULSION, PAIN, UNCONSCIOUS.*

Explanation Of Carcinogenicity:

3 BENZENE IS LISTED BY IARC.

Signs And Symptoms Of Overexposure:

*ASPIRATION PNEUMONITIS (COUGHING, LABORED BREATHING, BLUISH SKIN). KIDNEY/LIVER DAMAGE.

Medical Cond Aggravated By Exposure:

PRE-EXISTING SKIN & RESPIRATORY DISORDERS.

First Aid:

EYE: FLUSH W/WATER FOR 15 MIN, LIFT LID. SKIN: IMMERSE IN WATER. APPLY ICEPACKS TO BURN. DONT USE ICEPACK IF BURN COVER >10% OF BODY. DONT REMOVE ASPHALT FROM BURN. IF COOL ASPHALT CONTRACTS W/SKIN, WASH W/SOAP & WATER. WATERLESS HAND CLEANER TO REMOVE ASPHALT. INHAL: OXYGEN/ARTIF RESP IF NEEDED. IF UNCONSCIOUS USE BREATHING PROTECTION/MONITOR FOR PRESENCE OF H2S, BEFORE GETTING FRESH AIR.**

Spill Release Procedures:

ELIMINATE IGNITS. LARGE SPILL: USE RESPIRATOR & PROTECTIVE CLOTHING. S LEAK, DIKE/CONTAIN. SOAK UP W/ABSORBENT (SAND OR OTHER MATERIAL). DISPOSE OF PROPERLY. SMALL SPILL: TAKE UP W/ABSORBENT & DISPOSE OF PROPERLY.

Neutralizing Agent:

NK

Waste Disposal Methods:

NK

Handling And Storage Precautions:

NK

Other Precautions:

NK

Fire and Explosion Hazard Information

Flash Point Method:

PMCC

Flash Point:

110 TO 150F

Autoignition Temp:

NA

Autoignition Temp Text:

NK

Lower Limits:

1.0

Upper Limits:

7.0

Extinguishing Media:

DRY CHEMICAL, FOAM. WATER FOG MAY BE USED ON FLAT SURFACES SUCH AS ROADS.

Fire Fighting Procedures:

KEEP FROM IGNITS. DONT USE WATER ON ASPHALT FIRE IN TANK/CONTAINERS. IN CONFINED AREAS W/O FULL BUNKER GEAR/POSITIVE PRESSURE SCBA. COOL CONTAINERS W/WATER.

Unusual Fire/Explosion Hazard:

SULFUR OXIDES & HYDRON SULFIDE, BOTH OF WHICH ARE TOXIC MAY BE RELEASED UPON COMBUSTION. H2S VAPORS >AIR & MAY COLLECT IN LOW AREAS & TRAVEL TO IGNITS.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

NK

Net Prop WT For Ammo:

NA

Boiling Point:

375 TO 525F

Melt/Freeze Pt:

NA

Decomp Temp:

NA

Decomp Text:

NA

Vapor Pres:

<1.0

Vapor Density:

NA

Volatile Org Content %:

NA

Spec Gravity:

0.96-1.01

VOC Pounds/Gallon:

NA

PH:

NK

VOC Grams/Liter:

NA

Viscosity:

NA

Evaporation Rate & Reference:

NA

Solubility in Water:

NEGLIGIBLE

Appearance and Odor:

BLACK VISCOS LIQUID, W/PETROLEUM ODOR.

Percent Volatiles by Volume:

NK

Corrosion Rate:

NA

Hazardous Decomposition Products:

CARBON MONOXIDE, OXIDES OF SULFUR, NITROGEN & OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NA

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

NA

Materials To Avoid:

ASPHALT PRODUCTS.

Hazardous Decomposition Products:

CARBON MONOXIDE, OXIDES OF SULFUR, NITROGEN & OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

Conditions To Avoid:

NA

Decomposition Temp:

NA

Decomposition Text:

NA

Lower Limits:

NA

Upper Limits:

NA

Extinguishing Media:

NA

Conditions To Avoid:

NA

Decomposition Temp:

NA

Decomposition Text:

NA

Lower Limits:

NA

Upper Limits:

NA

Decomposition:

NA

Decomposition Text:

NA

Decomposition:

NA

Decomposition:

NA

Decomposition:

NA

Decomposition:

NA

Decomposition:

NA

Decomposition:

NA

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