

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

ACGIHSTEL:
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). KI DNEY/LIVER DAMAGE, CHEMICAL PNEUMONITIS, COMA, DEATH, CONVULSION, PAIN, UNCONSCIOUS.*

Explanation Of Carcinogenicity:
3 BENZENE IS LISTED BY IARC.

Signs And Symptions 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, W ASH W/SOAP & WATER. WATERLESS HAND CLEANER TO REMOVE ASPHALT. INHAL: OXYGEN/ARTIF RESP IF NEEDED. IF UNCONSCIOUS USE BREATHING PROTECTION/MONITOR FOR PRESENCE OF H28, BEFORE GETING FRESH AIR.**

Spill Release Procedures:
ELMINATE IGNITS. LARGE SPILL: USE RESPIRATOR & PROTECTIVE CLOTHING. S LEAK. DIKE/CONTAIN. SOAK UP W/ABSORBENT (SAND OR OTHER MATERIAL). DISPOSE OF PROPRLY. SMALL SPILL: TAKE UP W/ABSORBENT & DISP OSE 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:

Flash Point Text:
110 TO 150F

Autoignition Temp:

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. H28 VAPORS >AIR & MAY COLLECT IN LOW AREAS & TRAVEL TO IGNITS.

Physical/Chemical Properties

HCC:

NRC/State LIC No:
NK

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
375 TO 525F

Melt/Freeze Pt:

M.P/F.P Text:
NA

Decomp Temp:

Decomp Text:
NK

Vapor Pres:
<1.0

Vapor Density:
NA

Volatile Org Content %:

Spec Gravity:
0.96-1.01

VOC Pounds/Gallon:

PH: NK

VOC Grams/Liter:

Viscosity:
NK

Evaporation Rate & Reference:
NA

Solubility in Water:
NEGLEGIBLE

Appearance and Odor:
BLACK VISCOUS LIQUID, W/PETROLEUM ODOR.

Percent Volatiles by Volume:
NK

Corrosion Rate:
NK

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NK

Materials To Avoid:
ASPHALT PRODUCTS.

Hazardous Decomposition Products:
CARBON MONOXIDE, OXIDES OF SULFUR, NITROGEN &OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION. 5

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NK

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P