



**R 816 CE MI Part A****Ingestion:**

DO NOT induce vomiting due to the solvent content of this product. Give oxygen if respiration is shallow. GET MEDICAL ATTENTION.

**Note to Physician:** Product is irritating to skin, eyes and respiratory tract. Treatment should be based on the judgment of the physician in response to the reactions of the patient.

**5. FIRE-FIGHTING MEASURES**

<b>Flash Point:</b> >70 °C	<b>Method:</b> Abel's Closed Cup	<b>Auto ignition Temperature:</b> Approx. 500 °C
Flammable Limits:	<b>UFL:</b> 7%	<b>LFL:</b> 1%
Flammability Classification (OSHA):	Flammable Liquid	
Hazardous Products of Combustion:	Irritating and/or toxic fumes may be released if this material is burned.	
Potential for Dust Explosion:	Not applicable	
Special Flammability Hazards:	At elevated temperatures (>54 °C), solvent volatilization and decomposition may occur which might present a fire or explosion hazard.	
Appropriate Extinguishing media	Water fog, foam, carbon dioxide, dry chemical	
Basic Fire Fighting Guidance Firefighters should wear self-contained breathing apparatus and full protective equipment. Normal firefighting procedures may be used. Skin contact and/or breathing of vapours should be avoided.		

**6. ACCIDENTAL RELEASE MEASURES**

Containment Techniques:	For small spills, use suitable absorbent material and collect for later disposal. For large spills, the area may require diking to contain the spill.
Clean-up Procedures & equipment:	Wear protective equipment during clean up. Remove all ignition sources. Ventilate area of spill or leak. Collect material for later disposal. After collection of material, flush area with water.
Evacuation Procedure:	Isolate the hazard and deny entry to unnecessary and unprotected personnel.
Special Instructions:	Remove all contaminated clothing to prevent further absorption. Decontaminate affected personnel using the first aid procedures in Section 4. Leather shoes that have been saturated must be discarded.
Special Reporting Requirements:	Notify appropriate authorities if required by regulation.

**7. HANDLING AND STORAGE**

Storage Precautions:	Protect containers from physical damage. Outside or isolated storage is preferable. Inside storage should be in a flammable liquids storage room or cabinet. This material is flammable.
Storage Recommendations:	Maintain dry, ventilated conditions for storage. Ensure that ambient temperature of storage areas does not exceed 54°C to prevent volatilization of solvents.
Practices to Minimise Risk:	Wear protective equipment when performing maintenance on contaminated equipment.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Personal Protective Equipment:	Use NIOSH/ISI-approved air purifying respirator with organic vapour cartridges or a continuous flow positive pressure air-supplied respirator as necessary for protection against organic solvent vapour. Use chemical goggles, face shields, boots and impervious clothing and gloves where necessary to prevent exposures. Contact lenses should not be worn when handling this material. Do not smoke or eat in areas where this material is handled. Wash hands thoroughly before eating or smoking.
Respirator Caution:	Observe OSHA regulations for respirator use (29 CFR 1910.134). Air-purifying respirators must not be used in oxygen-deficient atmospheres.
Ventilation:	All operations should be conducted in well-ventilated conditions. Local exhaust ventilation should be provided.
Other Engineering Controls:	All available engineering controls to minimize risk should be used.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Molecular Formula:	Mixture
Appearance, State & Odour (ambient temp.)	Black liquid with aromatic odour
Vapour Pressure	50 mbar @ 25°C
Boiling Point:	Approx. 140°C
Solubility in Water:	Insoluble
Specific Gravity:	1.6±0.05 @ 30°C

**R 816 CE MI Part A****10. CHEMICAL STABILITY AND REACTIVITY INFORMATION**

Chemical Stability:	Stable
Conditions to Avoid	Avoid exposures to temperatures >54°C
Hazardous Polymerisation:	Will not take place

**11. TOXICOLOGICAL INFORMATION**

<b>Acute Oral LD<sub>50</sub>:</b>	3523 to 8600 mg/kg	<b>Species:</b> Rat
<b>Acute Dermal LD<sub>50</sub>:</b>	>43000 mg/kg,	<b>Species:</b> Rabbit
<b>Acute Inhalation LC<sub>50</sub>:</b>	6350-6670ppm	<b>Duration:</b> 4 hr. <b>Species:</b> Rat
<b>Skin/Eye Irritation:</b>	Mild to moderate skin/eye irritant	
<b>Additional Toxicity Information:</b>	Note: LD <sub>50</sub> /LC <sub>50</sub> values reported above are for mixed xylenes, which make up the predominant proportion of this mixture.	

**12. ECOLOGICAL INFORMATION****Ecotoxicity:**

No data is available for this particular mixture.

For the specific components: Xylene: LC50 (goldfish) = 13-17 mg/L/96H; LC50 (fathead minnow) = 42 mg/L/24 to 96H; LD50 (rainbow trout) = 13.5 mg/L/96H

Chlorinated paraffins: Mussels, >60 days, 1.33 mg/L, no mortality, bioconcentration factor of 105-167 based on parent compound; rainbow trout, >60 days, NOEL, 4.2 mg/L, bioconcentration factor of 1.0-42.8 times on total material.

No data is available for the remaining constituents of this mixture.

**Environmental Fate:**

No data is available for this particular mixture.

For the specific components: Xylene in environmental media is subject to rapid evaporation. Hydrolysis is not significant in water under normal environmental conditions. Xylene is not expected to bioconcentrate, and is shown to readily degrade in standard biodegradation tests.

No data is available for the remaining constituents of this mixture.

**13. DISPOSAL CONSIDERATIONS**

US EPA Waste Number: D001

Classification of Waste as manufactured: Hazardous.

Note: Generator is responsible for proper waste characterization.

Waste Disposal: Dispose of this material in accordance with standard practice for disposal of potentially hazardous materials as required by applicable regulations. Note that disposal regulations may also apply to empty containers and related equipments.

**14. TRANSPORT INFORMATION**

DOT/IATA/IMDG Proper Shipping Name :	Paint/ Related Material, 3, UN 1263 Where container exceeds 142 lbs., add "RQ (contains xylene)"		
Packing Group	3		
Emergency Guidebook	Numbers:NAERG: 128	EMS: 3-05	MFAG: 310, 313

**15. REGULATORY INFORMATION**

OSHA Hazards: Possible Carcinogen. Irritant. Flammable Liquid

SARA 313:	CAS Number	Chemical Name	% by weight
	1330-20-7	Mixed Xylene	6

Other Regulatory Listings: Flammable Liquid, Possible Carcinogen, Irritant Special Shipping Information: Flammable Liquid: Red Level UN 1263

**16. OTHER INFORMATION**

Please note that the information contained herein is furnished without warranty of any kind. Users should consider these data as a supplement to other information gathered by and make independent judgments of suitability of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

**DISCLAIMER**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.