SAFETY DATA SHEET

EPOXY THINNERS
150
Date of Issue: 09/03/2018
(Valid 5 Years)
Revision: 19

IDENTIFICATION

Chemical Name:	Xylenes	**Packing Group:**	III
CAS Number	1330-20-7	**Hazchem Code:**	3 (Y)
UN No.	1307	**Subsidiary Risk:**	N / APP
Molecular Weight:	92.134 AMU	**Primary Supplier**:	ALL PURPOSE COATINGS PTY LTD
Dangerous Goods:	CLASS 3	**Poisons Schedule:**	6

PHYSICAL DATA

Appearance & Odour:	Water White, Distinctive Odour	**Boiling Point:**	138.5 Deg.C
Melting Point:	Not Applicable	**UEL:**	7.0%v/v
Percent Volatiles:	100%		
Autoignition:	550 Deg C	**Flash Point**	30 Deg.C
Solubility (Water):	Negligible	**Aromatics:**	90%

INGREDIENTS

Ingredients	**Name CAS**	**Proportion**
Blended Hydrocarbons	1330-20-7	80%
Non Hazardous Components	100-41-4	0-20%
Ingredients determined not to be hazardous to 100%		

HEALTH HAZARD INFORMATION

Health Affects

Swallowed: Moderately toxic. Tends to break up into a foam if the patient vomits. Upon aspiration into the lungs, chemical pneumonitis may develop.

Eye: Hold eyes open, flood with water for at least 15 minutes. Seek medical advice.

Skin: Mildly irritating to skin. Frequent and prolonged contact can cause dermatitis.

Inhaled: Toxic by inhalation. Irritating to respiratory system. Prolonged exposure may cause somnolence and narcosis.

First Aid

Swallowed: If swallowed, DO NOT induce vomiting. Give a glass of water. Seek medical advice.

Eye: Hold eyes open, flood with water for at least 15 minutes. Seek medical advice.

Skin: Remove contaminated clothing and wash skin thoroughly.

Inhaled: Remove affected person from contaminated area. Avoid becoming a casualty. Apply artificial respiration, if not breathing. Urgently seek medical advice.

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HAZARD IDENTIFICATION

Hazardous Chemical – According to classification by safe work Australia

Dangerous Goods – According to the Australian Code for the transport of Dangerous Goods by Road & Rail.

Flammable Liquids – Category 3

Aspiration Hazard – Category 1

Skin Corrosion/Irritaion – Category 2

Acute Toxicity – Dermal – Category 4

Acute Toxicity – Inhalation – Cat 4

Specific Target Organ Toxcity (Single Exposure – Cat 3

Advice to Doctors:

Oral: Gastrointestinal irritation, nausea, vomiting and cramping. CNS depression, ranging from mild headache to anaesthesia and coma. Liver and Kidney injury delayed. Effects may include anuria, dysuria, haematuria and laboratory evidence of kidney damage; hepatic tenderness, jaundice, liver enlargement and other evidence of liver damage.

Aspiration: Severe lung irritation with coughing, gagging, dyspnoea, sub sternal distress and rapidly developing pulmonary edema. Later signs of bronchopneumonia and pneumonitis.

Treatment: (ORAL) Lavage with cuffed tube if large quantity ingested. Give activated charcoal. Observe for several days for renal or hepatic injury. Aspiration is main danger. Enforce bed rest and observe carefully. Prophylactic antibiotics useful. Observe for 24 hours for chemical pneumonitis. Longer term medical surveillance may be necessary. Maintain airway and vital functions. Avoid sympathomimetic amines. (INHALATION) Administer oxygen with slight positive pressure and antifoaming agent.

PRECAUTIONS FOR USE

Exposure Standards
OCCUPATIONAL EXPOSURE LIMIT VALUE: Threshold Limit
Xylene: 350mg/m3 (80ppm)
TWA (8Hr), 655mg/m3 (150ppm) STEL

Engineering Controls
Local exhaust ventilation usually required. Provide explosion proof ventilation system. Maintain adequate ventilation. Maintain air levels below the Exposure Limit. Performance of ventilation system should be regularly monitored. If air contaminant levels exceed the Exposure Limit, respiratory protection required. See also Personal Protection.

Personal Protection
Avoid contact with the skin and eyes and avoid breathing the vapor or spray mists.
For normal use, where contaminant vapor levels are well below the Exposure Limit the following equipment is required; -
1. Eye protection - safety glasses. Goggles ready for use.
2. Gloves
3. Cotton overalls done up.
4. Leather boots with rubber soles.

Flammability
Highly flammable. Isolate for sources of heat, naked flames or sparks. Take precautions against static electricity discharges. Explosive air-vapor mixture may form, ensure adequate ventilation. Earth and bond all process equipment including tanks and drums. Ensure equipment and fittings are flame proofed. See Safe Handling Information-Fire/Explosion Hazard.

Other Precautions
Where high contaminant spray mist or vapor levels exist, i.e. approaching the Exposure Limit, or are expected to arise, the following additional equipment is required.

1. For short elevated exposures, e.g. spillage's; -

Appropriate organic vapor cartridge respirator e.g. 3M Brand 08712 and goggles. Ensure working life of cartridge is not exceeded.
NB: If vapor levels exceed the Exposure Limit by more than ten times, air
Supplied apparatus should be used.

2. For prolonged exposure and confined spaces. Full face air supplied or self

Spill & Disposal
Extinguish or remove all sources of ignition. Clear area of all unprotected personnel. Wear appropriate protection equipment. Refer to Ventilation and Personal Protection. Do not contaminate stream, rivers or water courses. Do not flush to drains or sewers. Inform local authority if liquid enters drains, sewers, etc. Shut off source of leak if safe to do so. Dike and contain spill with sand or earth. Allow to evaporate if conditions permit.

Minor Spill: Absorb the liquid and sand, earth or other absorbent. Place used absorbent in suitable, sealable, labelled containers. Keep away from heat, naked flame or sparks. Dispose of following requirements of state environment authority.

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Contained breathing apparatus (complying with AS 1716-1984

"Respiratory
Protective Devices").
If contamination occurs, change clothing. Launder contaminated clothing before reuse. Clothing should be air dried in a well-ventilated area before laundering.
Observe good personal hygiene - wash hands thoroughly with soap or hand cleanser before eating, drinking or smoking and before using the toilet.
Eye wash fountains and safety showers should be available for emergency use.
Clothing wet with solvent should be soaked with water before removing, to prevent the possibility of static electricity discharges.

EMERGENCY 24 HOURS:
POISONS INFORMATION CENTRE
Herston Rd, Herston
13 11 26 (All Hours)

Storage and Transport:
Store in a cool place. Store container in a well-ventilated place. Store away from heat, naked flames or sparks. Store away from strong oxidizing agents. Keep containers closed at all times. Keep away from food, foodstuffs, drink or clothing. Take precautions against static electricity discharges. Classified as a dangerous substance for transport purposes. Flammable liquid, Class 3. Apply correct labels if material to be transported.

Minor:
Absorb the liquid and sand, earth or other absorbent. Place used absorbent in suitable, sealable, labeled containers. Keep away from heat, naked flame or sparks. Dispose of following requirements of state environment authority.

Spill and Disposal:
Extinguish or remove all sources of ignition. Clear area of all unprotected personnel. Wear appropriate protection equipment. Refer to Ventilation and Personal Protection. Do not contaminate stream, rivers or watercourses. Do not flush to drains or sewers. Inform local authority if liquid enters drains, sewers, etc. Shut off source of leak if safe to do so. Dike and contain spill with sand or earth. Allow to evaporate if conditions permit.

Fire / Explosion Hazards

Explosive air-vapor mixture may form. Earth and bond all transfer equipment including tanks and drums. Keep away from heat, naked flames or sparks. Have adequate fire equipment available.

Evacuate immediate area. Advise Fire Brigade of nature of hazard. Wear full protection equipment including breathing apparatus. Cool surrounding containers and pipes with water.

Carbon monoxide and other unidentified compounds may be formed during combustion.

Extinguishing Media

Foam, BCF, carbon dioxide or day chemical extinguishers required. For large fires use foam.

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