



Automotive & Performance Coatings

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MATERIAL SAFETY DATA SHEET

Version Number: 1
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IDENTIFICATION

Product Name: DUREPOX HIGH PERFORMANCE CLEAR
Other Names:
Description: A two pack Epoxy Urethane Clear coating.
Uses: Automotive, marine and furniture industries.
Classification of Hazardous Nature:
UN No: 1263
Dangerous Goods Class: 3a
Hazchem Code: 3YE
Poisons Schedule: Aus: s6 NZ: s3
Packing Code: II

Physical Description/Properties

Appearance: Viscous clear liquid.
Melting Point (°C) Not available
Boiling Point (°C) 50
Vapour Pressure (KPa) Not available
Solubility in Water (g/L) Insoluble
Lower Explosive Limit 1.1
Upper Explosive Limit 7.7
Specific Gravity 0.95-1.00
Flashpoint (°C) Less than 23

Ingredients

Chemical Entity	CAS no.	Proportion	WES-TWA-STEL
Xylene	1330-20-7	10%-35%	350 mg/m ³ -655 mg/m ³
MEK	78-93-3	Below 10%	445mg/m ³ -890 mg/m ³
Esters		Below 10%	
Other non hazardous ingredients		To 100%	

HEALTH HAZARD INFORMATION

Health Effects:

Skin: The liquid is irritating to the skin and could cause a degreasing effect which could lead to Dermatitis.

Eyes: The vapour/liquid is highly irritating to the eyes.

Inhaled: The vapour is irritating to the upper respiratory tract. Inhalation may cause loss of consciousness.

Swallowed: The liquid is toxic if swallowed and irritating to the gastro-intestinal tract.

Acute: Primary routes of exposure are usually by skin contact/absorption and inhalation. Inhalation of vapours may cause headaches, nausea, vomiting, dizziness, fatigue and light headedness.

Chronic: At high concentrations, over long periods, it may cause kidney and liver damage.

First Aid:

Skin: Remove contaminated clothing and wash affected areas with water and soap if available. Seek Medical Attention in event of irritation.

Eyes: Flush eyes thoroughly with fresh running water for at least 15 minutes. Retract eyelids occasionally to ensure complete irrigation. Seek medical attention if irritation persists.

Inhaled: Remove patient from source to fresh air. If breathing ceases use artificial respiration until patient regains normal breathing. Seek medical attention if necessary.

Swallowed: **DO NOT** induce vomiting. Give water (or milk) to rinse out mouth and drink.

Advice to Doctor: Treat symptomatically.

PRECAUTIONS FOR USE

Personal Protection:

Hands/Feet: Butyl Rubber Gloves, Neoprene Gloves, Safety Footwear.

Eyes: Chemical goggles, full face shield or safety glasses.

Respiratory: When spray applied in approved spray booth, operators must wear one of the following types of airline respirators. A full facepiece type, or a half facepiece type with separate goggles, or a hood or helmet type respirator. When sprayed outdoors or in open areas all persons within 15 metres of the spraying operation must be provided with and wear respiratory protection as above.

Other: Impervious Clothing, Barrier Cream.

Work Practice Advice: Atmosphere should be checked against regular exposure standards.

Flammability: The product is highly flammable when exposed to sparks or naked flames.

SAFE HANDLING INFORMATION

Storage and Transport:

Suitable Containers: Store in containers similar to those used by the manufacturer.

Incompatibility: Avoid storage with oxidising agents and strong acids.

Requirements: Store in cool well ventilated conditions.

Hazardous Polymerisation: Stable under normal conditions. Hazardous polymerisation will not occur.

Spills and Disposal

Minor: Absorb minor spills with inert material.

Major: Evacuate Personnel from area of the spill. Warn people downwind of spill. Contain the spill. Clean up the spill with sand, earth or other inert material. Prevent spill from entering drains or waterways. The area of the spill should be treated as a fire risk during the clean up operation. Wear breathing equipment to clean up the spill. Collect recoverable product into labelled containers for recycling.

Disposal: Place in drums for disposal at a district hazardous waste facility. Return to manufacturer for recycling options. Do Not wash product down drains or sewer outlets.

Fire and Explosion Hazard

Extinguishing Media: Carbon Dioxide, Dry Chemical Powder, Foam.

Fire Fighting: Firemen have to wear breathing apparatus, and prevent spillage from entering drains or waterways. Cool fire exposed containers with water spray.

Fire\Explosion Hazard: Liquid and Vapour are flammable. Explosion hazard in the form of vapour when exposed to heat or flame. Decomposes on heating and produces fumes of carbon monoxide (CO).

Incompatibility: Incompatible with oxidising agents and strong acids.

NOTE: The information provided above is for general guidance only, Resene Automotive & Performance Coatings believes this information is accurate and reliable as of the date of this material safety data sheet, but no guarantee is made to the accuracy, reliability, or completeness of the information. Users are advised to make their own determination as to the information suitability and completeness for their particular application.
