



Material Safety Data Sheet

Duram 195

Liquid Polyurethane Waterproofing Membrane

None.

Identification

Product Name: Duram 195
 Other Names: 195
 U.N. Number: 1263
 Class: III
 Hazchem Code: 3Y
 Poison: 6
 Schedule:
 Pack Sizes: 1 Lt, 5Lt & 20Lt pails

Uses: Duram 195 is designed to waterproof most applications within the building and construction industry.
EXPOSED AREAS:
 Some but not limited to the following.
 Roofs, decks, terraces, balconies, podiums and gutters.
TILED OR COVERED AREAS:
 Shower recess & wet areas (floors and upturns), decks, balconies, terraces, podiums, retaining walls, planters and landscaped areas, structural slabs, tanks, pits and water retaining structures.

Physical Description

Appearance: Dark brown to black high viscosity liquid.
 Boiling Point: Approx. 300oC.
 Vapour Pressure: Approx. 6.00 (Xylene).
 Percent Volatiles: > 15%
 Specific Gravity: +/- 1.1
 Flash Point: 28oC (Xylene)
 Flammability: 1.1-7.0% (Xylene)
 Water Solubility: Insoluble. Cures slowly on contact with water.

Ingredients

Chemical	CAS No.	Proportion
Urethane Polymer	N/A	30-60%
Inert Fillers	N/A	10-30%
Xylene	1330-20-7	10-30%
Minor ingredients, N/A unspecified water		< 5.0%

Health Warning Information**Health Effects**

Swallowed: Ingestion could cause gastric irritation.

Eye: Irritation and burning. Long - term exposure can cause damage.

Skin: Irritation, burning sensation.

Inhaled: Irritation with asthma like symptom. Headache and nausea is possible. It is unlikely that the product would be inhaled due to its viscosity. Inhaled matter is likely to be Xylene.

First Aid

Acute Swallowed: Do not induce vomiting. Give plenty of milk or water to drink. Seek immediate medical advice.

Acute Eye: Flush eye with copious amounts of clean water, holding open the lid to ensure any trapped product may be flushed away.

Acute Skin: Wipe product off skin. Wash skin with soap and water. Apply moisturising cream.

Acute Inhaled: Remove person from exposure. Keep rested ,if breathing has stopped apply artificial respiration immediately and seek immediate medical attention.

Chronic: Except for prolonged skin contact causing sensitivity and alkaline burning, products of this type are not anticipated to cause significant adverse effects.

Advice to Doctor

Swallowed: Do not induce vomiting. Give plenty water to drink and seek immediate medical attention.

Eye: Immediately thoroughly flush eye with clean water, holding open lid to ensure any trapped product maybe flushed away. Seek medical assistance.

Skin: Remove contaminated clothing, wash with soap & water. Do not use solvents to remove material. Apply moisturising cream.

Inhaled: Remove person to fresh air. Keep rested, if breathing has stopped apply artificial respiration immediately and seek immediate medical attention.

Precautions in Use

Treat symptomatically

Exposure Limits

Use in ventilated areas and provide flame proof artificial ventilation if required to maintain concentrations below Xylene Exposure Standard of 350g/m³ (TWA) 655 mg/m³ (STEL) or 100ppm.

Ventilation

Exposure limits TLV (mg) 10.

Personal Protection

Good ventilation is required. The use of solvent resistant gloves, coveralls, safety boots and goggles (against splashes) is recommended. Avoid breathing vapours. Vapours may collect in low lying areas. Respirator type (AS1716): Use if inhalation risk exists. Keep flame, sparks and any sources of ignition away from uncured product.

Safe Handling Information

Storage and Transport

Store in cool dry area, away from all sources of ignition.
Store in original containers. Keep sealed, labeled and leak free.
Suitable containers: Plain metal cans or pails as recommended by manufacturer.
Class 3 dangerous goods must be declared prior to transportation.

Spills and Disposal

Prevent spills from entering drains and waterways. Clean up spills immediately. Absorb material with sand or other adsorbing material and shovel into suitably labeled containers and dispose of in accordance with local council regulations.

Fire / Explosion Hazard

Containers should be kept cool with water spray to prevent pressure build up. Burning product may produce a dense, toxic, irritating smoke. Heat may cause cans/pails to rupture. Do not allow run off to enter drains and waterways.

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Conditions of Use and Disclaimer

The information contained in this data sheet is given in good faith based upon our knowledge and current information and does not imply warranty. The information is provided and the product sold on the basis that the product is used for its intended use and applied in a proper workman like manner in accordance with the instruction in this data sheet onto suitable and correctly prepared surfaces which shall remain sound, stable, free of structural defects, cracking, spalling concrete cancer, negative pressure, movement or other conditions that may effect the performance of the product. Deviations from application instructions may diminish or negate the performance of the product. Under no circumstances will the Company be liable for any loss, consequential or otherwise, arising from the use of the product. Liability is limited to the replacement of proven faulty product.

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