

Material Safety Data Sheet

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Reference No. Durotile Issue Date: 17/04/2017 ISSUED by : Durotech Products
Product Name: **Durotile Flex, Durotile Mastik, Durotile Whitefix**

Not Classified as Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company Name Durotech Industries
Address 14 Essex Street, Minto, NSW, 2566 Australia
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IDENTIFICATION

Product Name Durotile Flex, Durotile Mastik, Durotile Whitefix
Other Names None Allocated
UN Number None Allocated
Poisons Schedule Not Scheduled
Product Use WALL AND FLOOR ADHESIVE.

Physical Data

Appearance Grey, White, Off-white powder.
Boiling Point Not applicable.
Melting Point <1200°C.
Bulk Density 1200-1500 kg/m³
Flash Point Not applicable.
Flamm. Limit LEL Not applicable.
Solubility in Water <10 gms/litre.

Other Properties

Evaporation Rate Not applicable.
Vapour Density Not applicable.
Physical State Solid (powder)
Stability Stable.
pH Solution pH: 11
Materials to Avoid Strong acids.

Ingredients

Ingredients	Name	CAS	Proportion
	Quartz sand	14808-60-7	>60%
	Portland cement	65997-15-1	10-30%
	Hydrated Lime	1305-62-0	10-30%

Other Information Proprietary ingredients determined not to be hazardous, <10%.
Render may contain up to 3% respirable silica, depending on raw materials sources.

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed Alkaline corrosive to mouth and throat. May cause chemical burns and abdominal pain.

Acute - Eye Corrosive eye irritant. May cause chemical conjunctivitis, reddening and watering with damage to cornea.

Acute - Skin Prolonged or repeated exposure with skin may result in irritation or rash. The plastic (unhardened) render may cause defatting, alkali burns and contact dermatitis. Small amounts of soluble hexavalent chromium that may be present in Portland cement may cause irritant or allergic contact dermatitis in sensitive individuals who are repeatedly exposed to wet compound.

Acute - Inhaled Irritating to nose, throat and respiratory system, causing coughing and sneezing.

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First Aid

Swallowed Wash mouth and lips with water. Do not induce vomiting. Give water or milk to drink to dilute stomach contents. If symptoms persist, seek medical assistance.

Eye Immediately irrigate with copious quantity of water or saline eyewash for at least 15 minutes with the eyelids held open. In all cases of eye contamination, it is a sensible precaution to seek medical advice if irritation and discomfort persist. Continue to irrigate the eye with clean water or saline solution while transporting to medical facility.

Skin Wash with plenty of soap and water. Remove contaminated clothing and wash before re-use. Apply a skin moisturizer.

Inhaled Carefully remove persons to fresh air. If patient is severely affected, obtain medical assistance. If the person stops breathing, apply artificial respiration and other first aid techniques as required until medical assistance is obtained.

First Aid Facilities Eye wash fountains should be easily accessible.

Advice to Doctor

Advice to Doctor Treat as for moderate to strong alkali.
Treat symptomatically.
Contact a poisons Information Centre.

Other Health Hazard Information

Other Information The International Agency for Research on Cancer (IARC) evaluated crystalline silica in June 1997. "Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1)". Cigarette smoking increases the risk of respiratory diseases. It is recommended that storage and work areas should be classified as smoke-free.

PRECAUTIONS FOR USE

Exposure Limits	Name	TWA		STEL		Footnote
		ppm	mg/m ³	ppm	mg/m ³	
	Dust NOS (Not Otherwise Specified)		10			
	Crystalline Silica (Quartz)		0.2			

Other Exposure Information Where lower State or Territory exposure standards are prescribed, such lower prescribed limits should be applied. Respirable crystalline silica (Quartz) exposure levels should be kept below the recommended action level of 0.1 mg/m³. Inspirable dust levels should be kept below 2 mg/m³ to minimize skin, eye and respiratory irritation.

Eng. Controls Exposure to this material may be controlled in a number of ways. Avoid generating dust. Work so as to minimize exposure to dust or repeated skin contact. Use mechanical ventilation and exhaust in work areas where dust generated by handling procedures may be released into the local environment. Dust in work areas should be controlled by regular wet sweeping or vacuuming. If dust generation can not be avoided, use personal protective equipment.

Personal Protection

Protective Equip. Avoid eye contact and repeated or prolonged skin contact. Wear overalls, safety glasses or dust resistant goggles (AS/NZ 1336), impervious gloves and waterproof boots to protect the skin from contact with the dust or particularly wet dust or compound. Use a barrier cream on exposed skin and reapply frequently. Workers should shower with soap and water after using the render. Work clothes should be laundered regularly. If inhalation risk exists, wear a class P1 or P2 particulate respirator meeting the requirements of AS/NZ 1715 and AS/NZ 1716.

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Flammability

Fire Hazards Product is non flammable and will not support combustion.

SAFE HANDLING INFORMATION

Storage and Transport

Storage Store and transport packaged render to prevent contact with water or the generation of dust. Store in a dry, well-ventilated area.
Precautions Keep packages closed when not in use.

Spills and Disposal

Spills & Disposal Do not allow to enter drains or waterways. Spills may be vacuumed or swept up. Avoid generating dust. Small amounts of waste can be disposed of in approved landfill in accordance with State and Local Government regulations.

Fire/Explosion Hazard

Fire/Explos. Product is non flammable and will not support combustion. It does not cause dust explosions.

OTHER INFORMATION

Environ. Protection Avoid generating dust or contaminating waterways.

CONTACT POINT

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The information provided in this MSDS is correct at the time of printing (albeit is subject to change at any time) and is intended to give a simple description of the product and its capabilities. In practice, the substrate, intended surface to be treated and environmental conditions vary widely, making it essential for the user to determine the products suitability for a particular application and to ensure that the product is not used beyond its physical limitations. If in doubt contact the manufacturer. The product will perform as described herein provided it is applied in accordance with the manufacturer's instructions as stated in this data sheet and provided that the building and installation is structurally sound and the application is carried out competently. Durotech terms and conditions of sale apply.