



HiPERHARD (L)

LITHIUM CONCRETE DENSIFIER

MATERIAL SAFETY DATA SHEET

Issued: 26/07/2013

Section 1 - COMPANY IDENTIFICATION

SUPPLIER

Company: Husqvarna (Construction Products) Australia P/L
Address: 4 Pioneer Avenue, Tuggerah NSW, 2259 AUS
Telephone: +61 2 4352 7400
Fax: +61 2 4352 7499

Non hazardous and not dangerous goods according to NOHSC Criteria and ADG Code.

Section 2 - IDENTIFICATION

Product name:	HiPERHARD (L)
Other names:	Lithium Based Floor Hardener / Densifier
Manufacturer's code:	580502903
UN number:	Not allocated
D.G. class:	Not allocated
Subsidiary risk:	Not allocated
Hazchem code:	Not allocated
Poisons schedule no:	Not allocated
Package group:	Not allocated

USE Penetrating sealer for strengthening and hardening of concrete surfaces and other masonry building materials.

PHYSICAL PROPERTIES

Appearance:	Colourless liquid
Boiling point:	As water
Vapour pressures (20°C):	As water
Density (20°C):	1.03-1.05g/ml
Flash point:	Not allocated
Flammability limits (%):	Not allocated
Solubility in water:	Soluble

OTHER PROPERTIES

Auto ignition point:	Not allocated
Vapour density (air=1):	As water
pH:	10-11
Viscosity (20°C):	As water

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INGREDIENTS

Chemical entity	CAS number	Proportion
Containing lithium silicates	n/a	<20%
Non-hazardous ingredients & water		To 100%

HAZARD CATEGORIES Xi, R36/38

Section 3 - HAZARD HEALTH INFORMATION

HEALTH EFFECTS

To the best of our knowledge, the toxicity of this material has not been determined. There has been no known adverse health effects associated with this material. It containing potassium hydroxide at a low concentration is regarded as corrosive. Accordingly this material should be handled under normal industrial hygiene measures.

Section 4 - ACUTE

SWALLOWED	May cause gastric irritation.
EYE	May cause irritation to eyes.
SKIN	May cause irritation to skin.
INHALED	May be harmful by inhalation. May cause irritation to throat.
CHRONIC	Repeated or prolonged skin contact may cause dermatitis.

Section 5 - FIRST AID

SWALLOWED	If swallowed, do not induce vomiting. Immediately give a glass of water. Never give anything by mouth to an unconscious person.
EYE	Flush eyes with large amounts of water for at least 15 minutes. Obtain medical attention.
SKIN	Immediately wash exposed area with soap and water for at least 15 minutes, and then flush with water for at least 5 minutes. If reddening persists or if open sores or blisters develop. See a physician.
INHALED	Remove affected victim from exposure to fresh air. If there are any symptoms of overexposure, seek prompt medical advice.
FIRST AID FACILITIES	Provide eye baths and safety showers close to areas where splashing may occur.

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ADVICE TO DOCTOR Treat symptomatically. Eye irrigation may be necessary for an extended period of time to remove as much as possible. Treatment is at the discretion of medical personnel.

Section 6 - PRECAUTIONS FOR USE

EXPOSURE STANDARDS There is no data allocated for this product.

ENGINEERING CONTROLS There is no data allocated with this product but use with sufficient ventilation.

PERSONAL PROTECTION Wear chemical resistant safety glasses or goggles, impervious rubber gloves and protective clothing. Wear approved respiratory protection (AS1716/1715) if there is a risk of exposure to intensive vapour concentrations. Wash hands after handling.

FLAMMABILITY Not flammable and not combustible water-based liquid product.

Section 7 - SAFE HANDLING INFORMATION

STORAGE & TRANSPORT Consult AS3780 and relevant state or territory regulations on safe storage and handling of chemicals. Store in cool well-ventilated area away from any heat and ignition sources. Containers should be kept closed in storage and properly labelled. Store only in original or approved containers under 25oC away from direct sunlight

SPILLS AND DISPOSAL Wear full protective clothing while attending to spills. Extinguish all ignition sources. Prevent entry into drainage systems, sewers and waterways. Dam and collect with inert absorbent material such as sand or earth. Ensure waste disposal conforms to local waste disposal regulations.

FIRE/EXPLOSION HAZARD In the event of a fire, shut and remove ignition sources if safe to do so. Use dry powder, water fog, and regular foam extinguisher. Wear a breathing apparatus, full protective clothing, boots and chemically impervious protective gloves while attending to hazard. Prevent the product from entering drains or waterways. Hazard decomposition products may include caustic mists, carbon oxides and silicone dioxide.

Section 8 - OTHER INFORMATION

CONTACT POINT For further information please contact Husqvarna (Construction Products) Australia P/L (02) 4352 7400.

Important Note

To the best of our knowledge, the information sources for the preparation of this document were correct and complete at the time of writing. The information is therefore subject to possible change from time to time and cannot be guaranteed. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product or any material existing within the product.