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SECTION 1 PRODUCT AND COMPANY INFORMATION.**PRODUCT NAME :** Moisture Barrier 1 Coat Hardener**OTHER NAMES :****GENERAL USE :** Hardener component for two part epoxy coating.**PRODUCT CODE :** 222127**SUPPLIER CONTACT INFORMATION:****Name :** Soudal Australia Pty. Ltd.**Address :** 29 Prince William Dr, Seven Hills NSW 2147**Telephone :** 1300 50 70 11**Facsimile :** 1300 04 97 81**Website :** www.soudal.com.au**Email :** info@soudal.com.au**Emergency :** 1300 50 70 11**SECTION 2 HAZARDS INFORMATION.****HAZARDS CLASSIFICATION :** Classified as hazardous according to the criteria of NOHSC. Classified as Non-Dangerous Goods according to the criteria of the ADG Code.

RISK PHRASE(S) :	Xi	Irritant
	N	Environmentally hazardous substance.
	R43	May cause sensitization by skin contact.
	R51	Toxic to aquatic organisms.
	R53	May cause long term adverse effects in the aquatic environment.
SAFETY PHRASE(S) :	S24	Avoid contact with skin.
	S26	In case of contact with eyes, rinse immediately with plenty of fresh water and seek medical advice.
	S28	After contact with skin, wash immediately with plenty of water.
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
	S45	In case of accident, or if you feel unwell, seek medical advice immediately.
	S46	If swallowed, seek medical advice immediately and shown this container or label.
	S61	Avoid release to the environment, refer to instructions or MSDS.

SECTION 3 COMPOSITION/INFORMATION OF INGREDIENTS.

Chemical Identity	Symbol	CAS Number	Risk Phrase	Proportion
Modified Polyamine	Xi		R38,R41	30 - 60%
Ingredients determined to be non hazardous or below cut off levels.				To 100%

SECTION 4 FIRST AID MEASURES.**GENERAL INFORMATION :** In case of adverse health effects, seek medical advice.**AFTER INHALATION :** Remove affected person from contaminated area. If not breathing, apply artificial respiration and seek urgent medical advice.**AFTER SKIN CONTACT :** Remove contaminated clothing and wash affected area with soap and water. Ensure contaminated clothing is washed before re-use. If irritation persists, seek medical advice.**AFTER EYE CONTACT :** Wash with large amounts of water for at least 15 minutes, holding the eyelid(s) open. Remove contact lenses.

AFTER INGESTION : DO not induce vomiting. Immediately wash out mouth with water and then give plenty of water to drink. Prevent aspiration of vomit. Seek immediate medical advice.

SECTION 5 FIRE FIGHTING MEASURES.

SUITABLE EXTINGUISHING MEDIA : Alcohol resistant foam, dry chemical, carbon dioxide, dry sand.

HAZARDS FROM COMBUSTION PRODUCTS : Nitrous gases, carbon monoxide.

PRECAUTIONS FOR FIRE FIGHTERS AND SPECIAL PROTECTIVE EQUIPMENT : Use personal protective equipment. Wear self contained breathing apparatus for firefighting if necessary.

SECTION 6 ACCIDENTAL RELEASE MEASURES.

EMERGENCY PROCEDURES : Extinguish or remove all sources of ignition and stop leak and spread of spill if safe to do so. Do not allow product to enter drains, sewers or water courses. Inform the local authorities if this occurs.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP : Contain the spill with sand or earth and take up with a vacuum truck or absorb with absorbent material, sand or earth. Place used absorbent in suitable sealed containers and follow state or local authority regulations and guidelines for disposal of the waste. Clean area with detergent and water.

SECTION 7 HANDLING AND STORAGE.

PRECAUTIONS FOR SAFE HANDLING : Ensure good ventilation at the workplace. Wash hands and remove contaminated clothing and protective equipment before eating, drinking, smoking or using the toilet.

CONDITIONS FOR SAFE STORAGE : Keep container tightly closed. Store product between 15-30°C, in a dry environment and out of direct sunlight. Do not allow product to freeze. Avoid smoking, naked flames, heat or ignition sources.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION.

NATIONAL EXPOSURE STANDARDS : No exposure standards have been established for this product by Worksafe Australia.

BIOLOGICAL LIMIT CONTROL : No biological limit allocated.

ENGINEERING CONTROLS : Special ventilation is not normally required due to the low volatility of the product at normal temperatures. However, in the operation of certain equipment or at elevated temperatures, mists or vapour may be generated and exhaust ventilation should be provided to maintain airborne concentration levels as low as is reasonably practicable.

PERSONAL PROTECTIVE EQUIPMENT (PPE) : Avoid contact with the skin and eyes, and avoid breathing vapours or mists. When exposure is likely, personal protective equipment in a combination appropriate to the degree and nature of exposure, should be selected from the following: (1) Safety glasses, (2) Neoprene, butyl rubber gloves, (3) Long sleeve shirts and trousers, (4) Leather boots

CONTAMINATION : If contamination occurs, change clothing taking care to avoid skin contact with the contaminated area, and discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse. Observe good personal hygiene, in particular, wash hands and remove contaminated clothing and protective equipment before eating, drinking, smoking or using the toilet.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES.

APPEARANCE : Grey homogeneous liquid.

ODOUR : Ammoniacial.

pH : 9.0-9.2.

VAPOUR DENSITY : No information.

VAPOUR PRESSURE : No information.

BOILING POINT : >100°C.

FREEZING/MELTING POINT : 0°C.

SOLUBILITY : Miscible with water

SPECIFIC GRAVITY : Approx 1.10 kg/l

FLAMMABILITY : Non flammable

VISCOSITY : Approx 15000 cps

SECTION 10 STABILITY AND REACTIVITY.

CHEMICAL STABILITY : Stable.

CONDITIONS TO AVOID : Not applicable.

INCOMPATIBLE MATERIALS : Oxidising agents (e.g. perchlorates, nitrates etc), mineral acids.

HAZARDOUS DECOMPOSITION PRODUCTS : Oxides of carbon and noxious smoke.

HAZARDOUS REACTIONS : Stable under normal conditions. Reacts with acids.

SECTION 11 TOXICOLOGICAL INFORMATION.

HEALTH EFFECTS FROM THE LIKELY ROUTES OF EXPOSURE :

EYES : Possible chemical related eye burns resulting in a cloudy appearance of the cornea, pain, impairment or loss of vision.

SKIN : Allergic skin effects such as redness, swelling, blistering and itching. Dermal effects may result in a change in skin pigmentation and/or colouration. Some individuals may experience severe skin reactions resulting in redness, swelling, itching, dryness, cracking, blistering and pain.

INHALATION : Upper respiratory tract irritation may result in cough, sneezing, nasal discharge, headache, hoarseness and nose and throat pain.

INGESTION : Irritation of the gastrointestinal tract may result in pain, abdominal tenderness, nausea, diarrhea and vomiting.

REPRODUCTIVE : Not established for this product.

OTHER :

SECTION 12 ECOLOGICAL INFORMATION.

ECOTOXICITY : May cause adverse long term adverse effects in the aquatic environment.

PERSISTENCE AND BIODEGRADABILITY : Not readily biodegradable, has the potential to bioaccumulate.

MOBILITY : Floats in water.

SECTION 13 DISPOSAL CONSIDERATIONS.

DISPOSAL METHODS AND CONTAINERS : Follow state or local authority regulations and guidelines for disposal of the waste. Clean area with detergent and water. Do not allow product to enter drains, sewers or water courses - inform the local authorities if this occurs.

SPECIAL PRECAUTIONS FOR LANDFILL AND INCINERATION : Non established for this product.

SECTION 14 TRANSPORT INFORMATION.

UN NUMBER : None

UN PROPER SHIPPING NAME : None

CLASS AND SUBSIDIARY RISK(S) : None.

PACKAGING GROUP : None.

TRANSPORT INFORMATION : Classified as Dangerous Goods according to the Australian Dangerous Goods Code for the Transport of Dangerous Goods by Road and Rail.

SPECIAL PRECAUTIONS FOR USER : Keep container tightly closed. Store product between 15-30°C, in a dry environment and out of direct sunlight.

HAZCHEM CODE : None.

SECTION 15 REGULATORY INFORMATION.

Country/ Region: Australia

Inventory: AICS

Status: Listed

Poisons Schedule: 5

SECTION 16 OTHER INFORMATION.

DATE OF PREPARATION : February 2016

REVISION NUMBER : 2

PREVIOUS ISSUE DATE : February 2014

LITERATURE REFERENCES :

SOURCES OF DATA :

Suppliers MSDS for component ingredients.

National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Ed. [NOHSC:2011(2003)]

Approved Criteria for Classifying Hazardous Substances. [NOHSC:1008(1999)]