



PG57 Primer Liquid Additive

The information contained within this Technical Data, details product description, health and safety hazard information of the product and how to safely handle and use the product in the workplace. Also refer to MSDS for more information. Each user of this product should read the MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Demtech Australia Pty Ltd. Demtech Australia Pty Ltd makes no representation as to the completeness and accuracy of the data contained in this data sheet. It is the user's obligation to evaluate and use this product safely, and to comply with all relevant Federal, State and Local Government laws and regulations. Demtech Australia Pty Ltd shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendation or information contained herein, from abnormal use of the material, or any hazard inherent in the nature of the material.

STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia.

IDENTIFICATION

Product Name	Cureflex PG57 PRIMER – LIQUID ADDITIVE
Other Names	None
UN Number	None assigned
Dangerous Goods Class	None assigned
Subsidiary Risk	None assigned
Shipping Name	None assigned
Hazchem Code	None assigned
Poisons Schedule Number	None assigned
Major recommended uses	Primer coat and bonding agent – for additional strength and flexibility in powdered construction chemicals
Appearance	Wet – white milky liquid; dry – clear film
Odour	Faint odour
Boiling Point (°C)	100°C approx. (water)
Vapour Pressure	2.3 kPa water
Specific Gravity	1.01 – 1.05 g/cm ³ (water = 1)
Flashpoint (°C)	Not applicable
Flammability Limits	Not applicable
Solubility in Water	Soluble

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INGREDIENTS

Chemical Name:	CAS Number:	Proportion:
Alkyl acrylate-styrene copolymer	-	30.00 – 60.00%
Sodium hydroxide	1310-73-2	0 – 0.20%
Styrene	100-42-5	0 – 0.10%

** Other ingredients determined not to be hazardous, including water, to 100%.*

HEALTH HAZARD INFORMATION

Health Effects

Acute	
Swallowed	Slightly toxic by ingestion.
Eye	Not expected to cause irritation.
Skin	Prolonged or repeated contact with skin may result in slight skin irritation.
Inhaled	Excessive exposure to vapours or spray mist may cause slight irritation to eyes, nose and throat, otherwise not expected to irritate at normal use.
Chronic	Principal routes of exposure are by accidental skin and eye contact and by inhalation of vapours especially at higher temperatures. As with any chemical product, contact with unprotected bare skin; inhalation of vapour, mist or dust in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.
Swallowed	Do not induce vomiting. Give plenty of water or milk. Seek medical assistance.
Eye	Immediately flush with large amounts of water for at 5-10 minutes; lifting upper and lower lids. Seek medical attention if irritation persists.
Skin	Remove contaminated cloths. Wash effected skin area with water and soap. Seek medical attention if irritation persists.
Inhale	If affected, move subject to fresh air. Seek medical assistance if symptoms persist.
First Aid Facilities	Ensure availability of eye wash fountains and/or water access.
Advice to Doctor	Treat symptomatically.

PG57 Primer Liquid Additive

PRECAUTIONS FOR USE

Exposure Standards - As established by the NOHSC

Chemical Name:	STL:		TWA:	
	mg/m ³	ppm	mg/m ³	ppm
Sodium Hydroxide	-	-	2	-
Styrene	426	100	213	50

** Other Exposure information: Exposure standards not established for product, or other ingredients.*

Engineering Controls	General ventilation is recommended during normal use. Local ventilation may be required during certain operations to prevent inhalation of vapours.
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Personal Protection

Respirator Type (AS/NZS 1716)	Where concentrations in air may exceed the recommended exposure limits, work practice or other means of exposure reduction are not adequate, approved respirator may be necessary to prevent overexposure by inhalation.
Glove Type	Nitrile rubber or PVC gloves - neoprene/rubber gloves.
Eye Protection	Safety glasses as appropriate
Clothing	Protective clothing to cover body parts, e.g. long sleeved overalls or similar; and boots.
Other	Wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.
Flammability Fire Hazards	Product is non flammable according to the Australian Code for the Transport of Dangerous Goods; however dried film will burn in a general fire at above 100oC.
Fire Fighting Procedures	Fire Fighters should wear self-contained breathing apparatus. Fight fire using water spray, fog or carbon dioxide. Water spray may be used to cool fire exposed containers.
Decomposition	Any thermal decomposition may yield acrylic monomers.

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SAFE HANDLING INFORMATION

Storage & Transport

Location	Store in a cool area to prolong storage life.
Temperature Conditions	Best stored at room temperature; Prevent from freezing.
Protection from Weather	Store undercover and away from heat sources and electric plant.
Storage Incompatibilities	N/A

SPILLS AND DISPOSAL

Clean Up Spills / Leaks While product remains wet, floors will be slippery. Caution must be taken.
Small spills: Wipe up and wash area with water.
Large spills: Dike and contain spill with sand or earth.
 Do not contaminate streams, rivers, or water courses. Do not flush down drains and sewers. Inform local authority if liquid enters drains, sewers, streams, etc. Clean up before the material dries. Absorb the liquid with sand, earth or other absorbent. Place used absorbent in suitable, sealable labelled containers. If exposed to product follow First Aid procedures.

Disposal	Dispose of in accordance with Local, State and Federal regulations.
Precautions for clean up crew	Coagulate the dispersion by added ferric chloride and then lime. Remove supernatant & flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state and federal regulations.

FIRE / EXPLOSION HAZARDS

Hazard of Use / Storage	Product will not support combustion. Polymer will burn in a general fire at 1000C once all the water has been driven off. There may be some traces of flammable material found in the vapour space of closed containers
List of Dangerous Decomposition or Combustion Products	Carbon monoxide, carbon dioxide, oxides of nitrogen, fumes and smoke.
Types of Extinguisher	Water, foam, CO ² and dry chemical.
Precautions	Fire fighters should wear self-contained breathing apparatus.
Protective Clothing	None
Reactivity	None



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OTHER INFORMATION

Ecology Avoid contaminating waterways and sewers.
Micro organisms/effect activated sludge: Inhibition of degradation in activity sludge is not to be anticipated during correct introduction of low concentrations. The product can be virtually eliminated from water by abiotic processes eg. absorption onto activated sludge. Do not release untreated into water ways. Local regulations on waste-water treatment must be followed.

Packaging & Labelling 5 and 15L pails with handles

Transport Non-hazardous

CONTACT POINT

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www.demtech.com.au
Support: 1300 300 090

Australia Poisons Information Centre 13 11 26

Police & Fire Brigade 000

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