

MATERIAL SAFETY DATA SHEET





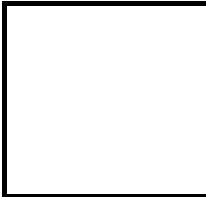










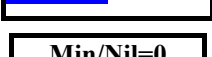




EXPOSED REINFORCEMENT TOUCH UP PAINT (TC0624 in 500mL plastic bottles)

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

RISK PHRASES

SAFETY PHRASES

HAZARD RATINGS

Flammability					
Health Hazard					
Body Contact					
Reactivity					
SCALE	Min/Nil=0	Low=1	Moderate=2	High=3	Extreme=4

RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT



IDENTIFICATION

UN NO	NONE	D.G.CLASS	NONE	CAS NO	NONE
HAZCHEM	NONE	SUB RISK	NONE	SUSDP	NONE
G.T.EPG	NONE	SPEC EPG	NONE	PACK GRP	NONE

USE : For application to metal and concrete surfaces to provide weather, moisture and corrosion resistance.

PHYSICAL DESCRIPTION

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APPEARANCE	Black liquid, acrylic odour.
BOILING POINT	Approximately 100°C
MELTING POINT	Approximately 0°C
VAPOUR PRESSURE	17 mm Hg @20°C for water
VOLATILE COMPONENT	30-60%
SPECIFIC GRAVITY	1.15-1.35
FLASH POINT	NONCOMBUSTIBLE
REL VAPOUR DENSITY	<1
pH	7-9
OTHER PROPERTIES	
SOLUBILITY	SOLUBLE IN WATER
EVAP RATE	<1 (BUTYL ACETATE =1)

COMPOSITION

COMPONENT	CAS NO	%
Acrylic polymer	Not Applicable	High
Non-Hazardous Ingredients	Not Applicable	High
Ethylene Glycol Butyl Ether	111-76-2	Low
Water	7732-18-5	Moderate

Very Low = <1%, Low = 1-10%, Moderate = 10-30%, High = 30-60%, Very High = >60%

HEALTH HAZARD INFORMATION

ACUTE EFFECTS

SWALLOWED	None
EYE	Direct contact with the material can cause the following - Slight irritation.
SKIN	Prolonged or repeated exposure can cause the following - Slight skin irritation.
INHALED	Inhalation of the mist or vapour can cause the following - Headache, nausea, irritation of the nose, throat and lungs.
CHRONIC EFFECTS	None allocated.

OTHER HEALTH HAZARD INFORMATION

PRIMARY ROUTES OF EXPOSURE - Skin Contact

FIRST AID

SWALLOWED	If swallowed give two glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.
EYE	Flush eyes with a large amount of water for at least fifteen minutes. Consult a physician if irritation persists.
SKIN	Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.
INHALED	Move subject to fresh air.

FIRST AID FACILITIES

OTHER PROTECTIVE EQUIPMENT

Facilities storing or utilising this material should be equipped with an eyewash facility.

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ADVICE TO DOCTOR Treat symptomatically

TOXICITY DATA

ACUTE DATA This information is based on toxicity profiles of several acrylic emulsions that are compositionally similar to this product. Typical data are -

ORAL LD50	- rat	- >5000mg/kg
DERMAL LD50	- rabbit	- >5000mg/kg
EYE IRRITATION	- rabbit	- inconsequential irritation
SKIN IRRITATION	- rabbit	- practically non irritating

PRECAUTIONS FOR USE

EXPOSURE STANDARDS

None specified for the product, the following are for Ethylene Glycol Butyl Ether.

Worksafe Australia recommended exposure standard is 25ppm (121mg/m³).

Skin Absorption Notice – Absorption through the skin may be a significant source of exposure.

ORAL	None Allocated
DERMAL	None Allocated
INHALATION	None Allocated

ENGINEERING CONTROLS

Use with adequate ventilation, local exhaust.

PERSONAL PROTECTION

RESPIRATORY PROTECTION

None required if the airborne concentrations are maintained below the TWA/TLV's listed in the COMPONENT EXPOSURE INFORMATION Section. When mist occurs during spraying operations, wear a AS1716 approved (or equivalent) disposable half mask dust/mist respirator.

EYE PROTECTION

Use chemical splash goggles as approved to AS1337 or equivalent.

HAND PROTECTION

The gloves listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection.

NEOPRENE

FLAMMABILITY

Non-flammable. In a fire the material may dry out and contribute to the fire.

SAFE HANDLING

STORAGE AND TRANSPORT

STORAGE CONDITIONS

Keep from freezing, material may coagulate. The minimum recommended storage temperature for this material is 5°C. The maximum recommended storage temperature is 35°C.

TRANSPORT CONDITIONS

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This product is not classified as a dangerous good under the provisions of the Australian Code for the transport of Dangerous Goods by road and rail.

HANDLING PROCEDURES

Monomer vapours can be evolved when this material is heated during processing operations. See ENGINEERING CONTROLS in PRECAUTIONS FOR USE Section for types of ventilation required.

SPILLS AND DISPOSAL

PERSONAL PROTECTION

Appropriate protection equipment must be worn when handling a spill of this material. See the PRECAUTIONS FOR USE Section for recommendations. If exposed to material during clean-up operations, see the FIRST AID PROCEDURES Section for actions to follow.

PROCEDURES

Keep spectators away. Floor may be slippery, use care to avoid falling. Contain spills immediately with inert materials (eg sand, earth). Transfer liquids and solid dyking materials to separate suitable containers for recovery or disposal. Small amounts of dye may be neutralized with dilute bleach to render colourless. Use caution when adding bleach since decomposition of dye generates heat, do not add large quantities of bleach to large quantities of dye. Do not add bleach if other organic materials present (eg sawdust, resin, cotton rags)

CAUTION Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

WASTE DISPOSAL

Land fill or incinerate residues in accordance with local, state and federal regulations.

FIRE/EXPLOSION HAZARD

SPILLS AND DISPOSAL

PERSONAL PROTECTION

Appropriate protection equipment must be worn when handling a spill of this material. See the PRECAUTIONS FOR USE Section for recommendations. If exposed to material during clean-up operations, see the FIRST AID PROCEDURES Section for actions to follow.

PROCEDURES

Keep spectators away. Floor may be slippery, use care to avoid falling. Contain spills immediately with inert materials (eg sand, earth). Transfer liquids and solid dyking materials to separate suitable containers for recovery or disposal.

CAUTION Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

WASTE DISPOSAL

Coagulate the emulsion by the stepwise addition of Ferric Chloride and Lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate the liquid and contaminated solids in accordance with local, state and federal regulations.

FIRE/EXPLOSION HAZARD

UNUSUAL HAZARDS

Material can spatter above 100°C, Polymer film can burn.

EXTINGUISHING AGENTS

Use extinguishing media appropriate for surrounding fire.

PERSONAL PROTECTIVE EQUIPMENT

Wear self contained breathing apparatus (pressure demand, AS1716 approved or equivalent) and full protective gear.

INSTABILITY

This material is considered stable. However, avoid temperatures above 177°C, the onset of polymer decomposition. Thermal decomposition is dependant on time and temperature.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition may yield acrylic monomers.

HAZARDOUS POLYMERIZATION

Product will not undergo polymerisation.

INCOMPATIBILITY

Incompatible with strong acids and oxidising agents. Reaction with acids will yield Carbon Dioxide gas.

EMERGENCY CONTACT

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For further advice contact the appropriate person below:

Hexion	-	+61 2 4340 4240 (8:00am – 6:00pm Mon – Fri Aust East Coast, GMT+10)
David Heal	-	+61 414 434 042 (After Hours, Australia, New Zealand, GMT+10)
Hector Chow	-	+60 4 422 3888 (Asia, GMT+8)
Martin Connell	-	+44 191 586 3239 (Europe, GMT)
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This Material Safety Data Sheet summarises to the best of our knowledge the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be used in their workplace, including its use 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 Hexion Specialty Chemicals at one of the above contact points. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to customers each time they receive goods. A copy is also available upon request from any of our offices.