

Product Name :GLAZE COAT
Other Names :None
Part No. :GLCTCLL4
MSDS No. :NZ3800
Date & Issue :NOV 3/ ISSUE A

Ramset NZ
A Division of ITW NZ Ltd
PO Box 40-031
Glenfield, Auckland
www.ramset.co.nz

1: RECOMMENDED USE

An acrylic surface sealer and coating applied by brush or roller.

2: HAZARDS IDENTIFICATION

UN No	: 1139	Hazchem Code	: 3[Y]E
Hazard Class	:	Poisons Schedule	: S6
Subsidiary Risk	: None	CAS No	: None
SPEC EPG	: 3Cl	G T EPG	: None
NIOSH	: None	Packing Group	: II
D G Class	: 3.1	IMDG	: 3067

3: PHYSICAL DESCRIPTION & PROPERTIES

Appearance	: Clear, colourless solution	Flammability Ltd	:
Specific Gravity	: 0.87	Boiling Point	: Not available
Form	:	Melting Point	: Not available
Vapor Pressure	: Not available	Flashpoint	: 4.4 (toluene)
Solubility in Water	: Immiscible	Other	:

4: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	(CAS No)	Content Proportion
: Acrylic polymer solution	:	: Medium
: Toluene	:	: Medium

Contents : **H**igh >60% **M**edium 10 – 60% **L**ow 1 – 10% **V**ery Low <1%

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5: HEALTH HAZARD INFORMATION****TAKE A COPY OF THIS MSDS TO THE DOCTOR******HEALTH EFFECTS: ACUTE:**Eyes

The liquid is highly irritating to the eyes and is capable of causing burns. The vapour is irritating to the eyes.

Skin

The liquid is irritating to the skin, it is absorbed and capable of causing skin reactions which may lead to dermatitis. Toxic effects may result from skin absorption.

Inhaled

The vapour is highly irritating to the upper respiratory tract and the material presents a hazard from repeated exposures over long periods. Inhalation hazard is increased at higher temperatures.

Swallowed

The liquid is toxic and irritating if swallowed. Considered an unlikely route of entry in commercial/industrial environments.

HEALTH EFFECTS: CHRONIC:

Refer to ACUTE

FIRST AID

****Take a copy of this MSDS to the Doctor****

Eyes

Immediately hold the eyes open and wash continuously for at least 15 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids. Transport to hospital or doctor without delay. Removal of contact lenses after eye injury should only be undertaken by skilled personnel.

Skin

Immediately remove all contaminated clothing, including footwear (after rinsing with water). Wash affected areas thoroughly with water and soap if available. Seek medical attention in event of irritation.

Inhaled

If fumes or combustion products are inhaled, remove to fresh air. Lay patient down. Keep warm and rested. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation. Transport to hospital or doctor.

Swallowed

Do not induce vomiting. Give a glass of water.

Advice to Doctor

Treat symptomatically.

First Aid facilities

None.

Toxicity data

Not available for mixture. Data for principal ingredients only.

Toxicity	Oral (human)	LDLo: 50mg/kg (toluene)
	Oral (rat)	LD50: 5000 mg/kg (toluene)
	Inhalation (human)	TCLo: 200ppm (toluene)
Irritation	Skin (rabbit)	500mg (toluene)
	Eye (human)	300ppm (toluene)

May contain trace amounts of acrylic monomer.

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6: PRECAUTIONS FOR USE

EXPOSURE LIMITS:

None assigned for mixture. Refer to individual constituents.

REL : 100ppm (acrylic polymer solution)
TLV TWA : 100ppm 377 mg/m³
STEL : 150ppm, 565mg/m³

VENTILATION:

General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in special circumstances. Provide adequate ventilation in warehouses and enclosed storage areas.

PERSONAL PROTECTION:

Eyes
Safety glasses with side shields, chemical goggles. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Hands & Feet

Wear chemical protective gloves, PVC. Wear safety footwear.

Respiratory

SAA approved respirator air purifying type. or supplied air type.

Other

FLAMMABILITY:

Liquid and vapour are highly flammable. Severe fire hazard when exposed to heat, flame and/or oxidisers. Vapour forms an explosive mixture with air. Severe explosion hazard, in form of vapour, when exposed to flame or spark. Vapour may travel a considerable distance to source of ignition. Heating may cause expansion or decomposition leading to violent rupture of containers.

ENVIRONMENT:

Not specified.

OTHER PRECAUTIONS:

None.

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7: SAFE HANDLING & STORAGE

STORAGE & TRANSPORT:

Store in original containers in a cool, dry, well ventilated, approved flame-proof area. Don't store in pits, depression, basement or areas where vapours may be trapped. No smoking naked lights heat or ignition sources. Keep containers securely sealed, away from incompatible materials. Protect containers against physical damage. Check regularly for spills and leaks. Observe manufacturers storing and handling recommendations.

PACKAGING & LABELLING:

Packaging group II
Flammable liquid 3

SPILLS & DISPOSALS:

Minor:

Remove all ignition sources. Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact by using protective equipment. Contain and absorb small quantities with vermiculite or other absorbent material. Wipe up. Collect residues and place in flammable waste container.

Major:

Clear area of personnel and move upwind. Alert fire brigade and tell them location and nature of hazard. May be violently or explosively reactive. Wear breathing apparatus plus protective gloves. Prevent, by any means available, spillage from entering drains or water course. Consider evacuation. No smoking naked lights or ignition sources. Increase ventilation. Stop leak if safe to do so. Water spray or fog may be used to disperse/absorb vapour. Contain spill with sand, earth or vermiculite. Use only spark free shovels and explosion proof equipment. Collect recoverable products into labelled containers for recycling. Absorb remaining product with sand, earth or vermiculite. Collect solid residues and seal in labelled drums for disposal. Wash area and prevent runoff into drains. If contamination of drains or waterways occurs, advise emergency services.

OTHER PRECAUTIONS:

Product reacts with oxidising agents.

8: FLAMMABILITY

Fire/Explosion hazard:

Alert fire brigade and tell them location and nature of hazard. May be violently or explosively reactive. Wear breathing apparatus plus protective gloves. Prevent by any means available, spillage from entering drains or water course. Consider evacuation. Fight fire from a safe distance, with adequate cover. If safe to do so, switch off electrical equipment until vapour fire hazard removed. Use water delivered as a fine spray to control the fire and cool adjacent area. Avoid spraying water onto liquid pools. Do not approach containers suspected to be hot. Cool fire exposed container with water spray from a protective location. If safe to do so remove containers from path of fire.

Extinguishing Media : Water mist, CO₂, Foam, Dry Powder
May Decompose Explosively : Yes

Upper Explosion Limit :7.0% by volume (toluene)
Lower Explosion Limit :1.27% by volume (toluene)
Dust Explosion Limit : Not applicable

Other :

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide.

9: OTHER INFORMATION

None

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