



Scott Bader (Pty) Ltd

SAFETY DATA SHEET

PAGE: 1 of 4
PRINT DATE: 11 December 2014
REF: SBPTY0110

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: CRYSTIC VE671

**Identification of the Company
Manufacturer / Supplier** Summit Composites Pty Ltd
22 Port Kembra Drive
BibraLake WA6163

Phone: +61894184555
Fax: +61894341489
Poisons Information Centre. Phone (eg Australia 13 1126; New Zealand Emergency
phone number. 034747000).

2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation: Vinyl ester resin in styrene.

Chemical Name	CAS-No	EEC-No	Class	Weight %
STYRENE	100-42-5	601-026-00-0	R10 Xn; R20 Xi; R36/38	43-47

3. HAZARDS/IDENTIFICATION

Most important hazards: Flammable.

Flammability: Flash point (PMCC) 31°C.

Chemical hazard: May polymerise spontaneously. Sealed containers may explode if hot.

Reproduction hazard: None.

Eye effects: Irritation to conjunctiva. High vapour concentration (>600 ppm) can cause corneal damage.

Health effects: Irritant to skin. Repeated or prolonged contact may cause dermatitis.

4. FIRST AID MEASURES

General advice: Take off all contaminated clothing immediately. Show this safety data sheet to the doctor in attendance.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.

Skin contact: Wash off immediately with plenty of water. Consult a physician if necessary.

Eye contact: Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Obtain medical attention.

Ingestion: Rinse mouth (Never give anything by mouth to an unconscious person.) Call a physician immediately. Keep warm and in a quiet place.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry powder, sand, foam.

Extinguishing media which must not be used for safety reasons:

None. Water may be ineffective.

Specific hazards:

Thermal decomposition can lead to release of irritating gases and vapours.

Special protective equipment for firefighters:

In the event of fire, wear self contained breathing apparatus.

Specific methods: Standard procedure for chemical fires. Cool containers/tanks with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Keep people away from and upwind of spill/leak.

Environmental precautions: Do not let product enter drains. Avoid subsoil penetration.

Methods for cleaning up: Soak up with inert absorbent material. Shovel into suitable container for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling: Use only in are provided with appropriate exhaust ventilation.

Storage: Store below 30°C in closed original containers. Store in dark away from oxidising materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:

National occupational exposure limits:

STYRENE

Time weighted average occupational exposure level
Control limit 100ppm

Engineering measures to reduce exposure

Ensure adequate ventilation, especially in confined areas.

Personal protection equipment:

- **Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment.
- **Hand protection:** PVC or other plastic material gloves.
- **Eye protection:** Face-shield

- Skin and body protection: Chemical resistant apron, protective suit, safety shoes/boots.
- Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	viscous liquid.
Colour:	yellow.
Odour:	of styrene.
Flash point:	32°C
Relative density: (25°C)	1.04-1.06
Solubility:	Immiscible in water
Viscosity: (25°C)	400-500 mPa.s

10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to avoid:	Do not freeze.
Materials to avoid:	Strong oxidising agents.
Hazardous decomposition products:	

None under normal use. Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS**Waste from residues/unused products:**

Dispose of as special waste in compliance with local and national regulations.

Contaminated packaging:

Empty containers. Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION.

UN-No:	1866	Marine pollutant:	No.
ADR/RID			
Class:	3	Item:	31°C
TREM-CARD:	30G35	HI/UN No:	1866

Proper shipping name: Resin solution.

IMO

Class: 3.3

IMDG Page:

EmS: 3-05

MFAG: 310

Proper shipping name: Resin solution.

ICAO:

Class: 3

UN/ID No: 1866

Proper shipping name: Resin solution.

15. REGULATORY INFORMATION.

Classification according to European directive on classification of hazardous preparations 90/492/EC

- Contains: Styrene

- Symbol(s):



Xn –

Harmful.

R-phrases(s): R10 – Flammable.
R20 – Harmful by inhalation.
R36/38 – Irritating to eyes and skin.

S-phrases(s): S2 – Keep out of reach of children.
S13 – Keep away from food, drink and animal feeding stuffs.
S23 – Do not breathe vapours or spray mist.
S24/25 – Avoid contact with skin and eyes.
S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46 – If swallowed, seek medical advice immediately and show this container or label.
S51- Use only in well ventilated areas.

16. OTHER INFORMATION.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process not specified in the text.