

SAFETY DATA SHEET

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

Product name: **CRYSTIC RTR 4000 PA**
Manufacturer: **SCOTT BADER MIDDLE EAST**
Emergency telephone number: +44 1933 663399

2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation	Unsaturated polyester resin in styrene.			
Chemicals Name	CAS-No	EINECS-No	Class	Weight %
STYRENE	100-42-5	601-026-00-0	R10 Xn;R20 (Xi; R36/38)	30 - 34

3. HAZARDS IDENTIFICATION

Most important hazards: Flammable.
Specific hazards Harmful by inhalation. Irritating to eyes and skin.

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

7. HANDLING AND STORAGE

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

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name : **National occupational exposure limits:**

STYRENE **MEL: 100 ppm (8 hour ref. Period)**
250 ppm (15 min. ref. Period)

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

- Hand protection : equipment.
- Skin and body protection : PVC or other plastic material gloves.
Face-shield.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Viscous Liquid
Colour	:	Cloudy
Flash Point	:	32 °C
Relative density	:	(25°C) = 1.10 – 1.3
Solubility	:	
Water solubility	:	immiscible
Viscosity	:	(23°C) = 800 cps

10. STABILITY AND REACTIVITY

Stability	:	Stable
Conditions to avoid	:	Do not freeze
Materials to avoid	:	Strong oxidizing 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: Yes

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
Proper shipping name : Resin Solution

15. REGULATORY INFORMATION

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

- Contains : Styrene
- Symbol(s) :



**Xn –
Harmful.**

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

S- phrases(s): **S 2 – Keep out of reach of children**
 S13 – Keep away from food, drink and animal feeding stuffs.
 S24/25 – Avoid contact with skin and eyes.

- S26 – In case of contact with eyes, rinse immediately with plenty of water
And seek medical advise.**
- 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 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 unless specified in the text.

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