

## SAFETY DATA SHEET

Page 1 of 4

### RX803C/BK

Revision No. 1

Issue date: 09 September 2003

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

<b>Product name</b>	RX803C/BK
<b>Company</b>	Robnor Resins Ltd Hunts Rise South Marston Park Swindon Wiltshire SN3 4TE +44 (0)1793 823741 +44 (0)1793 827033 support@robnor.co.uk www.robnor.co.uk +44 07831 130543

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Hazardous components</b>	Epoxy resin (number average molecular weight $\leq 700$ ) 60-70% CAS: 25068-38-6 EINECS: 500-033-5 Xi;R36/38-43
	2,3 - Epoxy propyl ester of mixed trialkyl acetic acids 10-20% CAS: 26761-45-5 Xi;R43 N;R51/53
	Xylene 0-0.5% CAS: 1330-20-7 EINECS: 215-535-7 Xn;R20/21-38 ;R10

#### 3. HAZARDS IDENTIFICATION

<b>Main hazards</b>	Irritating to eyes and skin. May cause sensitization by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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#### 4. FIRST AID MEASURES

<b>Skin contact</b>	Wash off with soap and plenty of water. If skin irritation persists, call a physician.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Inhalation</b>	Move to fresh air. Consult a physician after significant exposure.
<b>Ingestion</b>	Immediately give plenty of water (if possible charcoal slurry). Do not induce vomiting. Call a physician immediately. If a person vomits when lying on his back, place him in the recovery position. Note: To prepare activated charcoal slurry, mix thoroughly 50 g of activated charcoal in 400 ml (about 2 cups) water.

#### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media</b>	water spray carbon dioxide (CO <sub>2</sub> ) alcohol-resistant foam dry powder
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**Extinguishing media which must not be used for safety reasons** high volume water jet

**Specific hazards** Fire may cause obnoxious and toxic fumes to evolve.

**Special protective equipment for firefighters** In the event of fire, wear self contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions** Use personal protective equipment. Ensure adequate ventilation. Contaminated surfaces will be extremely slippery.

**Environmental precautions** Avoid subsoil penetration. Do not contaminate surface water. Prevent product from entering drains.

**Methods for cleaning up** Soak up with inert absorbent material and dispose of as hazardous waste.

**7. HANDLING AND STORAGE**

**Handling** Avoid contact with skin and eyes. When using do not smoke. Wear personal protective equipment. Use only in well-ventilated areas. Take precautionary measures against static discharges. Handle and open container with care. Local exhaust

**Storage** Keep tightly closed in a dry and cool place. Do not store together with food, drink and animal feed stuffs.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure limit(s)** Xylene  
TWA(ppm):50 TWA(mg/m3):220 STEL(ppm):100 STEL(mg/m3):441

**Engineering measures to reduce exposure** Ensure adequate ventilation, especially in confined areas.

**Respiratory protection** In case of insufficient ventilation wear suitable respiratory equipment.

**Hand protection** rubber or plastic gloves

**Eye protection** Tightly fitting safety goggles face-shield

**Skin and body protection** protective suit safety shoes

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Description** liquid

**Colour** black

**Odour** slight

**10. STABILITY AND REACTIVITY**

**Stability** Stable at normal conditions

**Conditions to avoid** Heat, flames and sparks.

**Materials to avoid** strong acids and strong bases strong oxidizing agents

**Hazardous decomposition products** carbon oxides

**11. TOXICOLOGICAL INFORMATION**

**Primary irritation** Irritating to eyes and skin.

**Repeated or prolonged exposure** Repeated or prolonged exposure may cause irritation of eyes and skin.

**RX803C/BK**

Revision No. 1

Issue date: 09 September 2003

**12. ECOLOGICAL INFORMATION**

**Persistence / degradability** Not inherently biodegradable.

**13. DISPOSAL CONSIDERATIONS**

**General Information** Can be incinerated, when in compliance with local regulations.

**Contaminated packaging** Empty containers can be landfilled after cleaning, when in compliance with local regulations.

**14. TRANSPORT INFORMATION****ADR/RID**

<b>Hazard ID</b>	90	<b>Proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<b>UN-No</b>	3082	<b>Packing group</b>	III
<b>Class</b>	9		


**IMO**

<b>UN-No</b>	3082	<b>Packing group</b>	III
<b>Class</b>	9	<b>Marine pollutant</b>	.
<b>EmS</b>	F-A S-F		

**IATA-DGR**

<b>UN-No</b>	3082	<b>Packing group</b>	III
<b>Class</b>	9	<b>packaging</b>	914

**15. REGULATORY INFORMATION**

**Symbol(s):** Xi;  


**R -phrase(s)** R36/38 - Irritating to eyes and skin.  
 R43 - May cause sensitization by skin contact.  
 R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S -phrase(s)** S24 - Avoid contact with skin.  
 S37 - Wear suitable gloves.  
 S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.

**16. OTHER INFORMATION**

**Text of R phrases mentioned in Section 2** R36/38 - Irritating to eyes and skin.  
 R43 - May cause sensitization by skin contact.  
 R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R20/21 - Harmful by inhalation and in contact with skin.  
 R38 - Irritating to skin.  
 R10 - Flammable.

**Other information** IT SHOULD BE NOTED THAT THIS PRODUCT IS INTENDED FOR USE WITH A HARDENER DESIGNATED BY ROBNOR RESINS. THE CORRESPONDING SAFETY DATA FOR THAT HARDENER MUST BE STUDIED ALONG WITH THE DATA ON THIS SHEET PRIOR TO USE. USING HARDENERS WHICH HAVE NOT BEEN SUPPLIED AND/OR RECOMMENDED BY ROBNOR RESINS FOR USE WITH THIS PRODUCT IS POTENTIALLY HAZARDOUS AND SHOULD NOT BE CONTEMPLATED.

Safety instructions and operating procedures for specified tasks must be written, communicated and enforced. These will include:

\*\*Provision of hazard information and training of personnel based on operating procedures and

## RX803C/BK

Revision No. 1

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safety data sheets, together with instructions on how to avoid exposure.

\*\*Assessment of the risk of exposure and contact after all reasonable practical steps have been taken to avoid exposure, selection of suitable personal protective equipment and implementation of an appropriate programme.

\*\*Provision of facilities for washing, storage of clothing and skin care and promotion of their use.

\*\*Close supervision to identify failure in the performance of process controls or in following operating instructions, the occurrence of irritation and inadequate use of personal protective equipment. Assessment should also be made of the need for industrial personal hygiene and medical surveillance, and provision of appropriate services.

Occupational dermatitis contracted during exposure to resin systems is a reportable disease under Schedule 3 of the RIDDOR regulations (UK). Form F2508A available from the HSE should be used for such notification.

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It is a statutory requirement that Medical Supervision is carried out when using products which can cause an identifiable disease, there is reasonable likelihood that the disease may occur under the particular conditions of work and there are valid techniques for detecting indications of the disease.

The Safety Data Sheet was compiled using information gathered concerning its individual components. No synergistic effects are known to us but we cannot exclude the existence of such effects.

If this product is to be machined in any way then the toxicological information in Section 11 and the information concerning respiratory protection in Section 8 should be noted.