

SAFETY DATA SHEET

Page 1 of 4

HX449TC/BK

Revision 1
Revision date 29-Sep-2010

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name HX449TC/BK
Company Robnor Resins Ltd
Hunts Rise
South Marston Park
Swindon
Wiltshire
SN3 4TE
support@robnor.co.uk
www.robnor.co.uk
Telephone +44 (0)1793 823741
Fax +44 (0)1793 827033
Emergency telephone number +44 07831 130543
Product code HX5008

2 HAZARDS IDENTIFICATION.

Main hazards Causes burns. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of impaired fertility. Possible risk of harm to the unborn child.

3 . COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
N-aminoethylpiperazine	10-20%	140-31-8	205-411-0	Xn; R21/22 C; R34 R43 R52/53
Nonylphenol	1-10%	25154-52-3	246-672-0	Repr Cat 3; R62 Repr Cat 3; R62 Xn; R22 C; R34 N; R50/53
triethylenetetramine	1-10%	112-24-3		Xi;R38 Xi;R41 Xi;R43 R52/53

4. FIRST AID MEASURES

Skin contact Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Inhalation Move the exposed person to fresh air. Seek medical attention.
Ingestion Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water. Seek medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing media Alcohol resistant foam. Carbon dioxide (CO2) Dry chemical. Water spray. Do NOT use ... Water jet.
Fire hazards Burning produces irritating, toxic and obnoxious fumes.
Protective equipment Wear: Self-contained breathing apparatus.

HX449TC/BKRevision 1
Revision date 29-Sep-2010**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions	Wear suitable protective equipment. Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition.
Environmental precautions	Do not let product contaminate subsoil. Do not allow product to enter drains.
Clean up methods	Absorb with inert, absorbent material.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Avoid sparks, flames, heat and sources of ignition. Wear suitable protective equipment. Use in a well ventilated area.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	Ensure adequate ventilation of the working area.
Respiratory protection	Wear: Suitable respiratory equipment.
Hand protection	Rubber gloves.
Eye protection	In case of splashing, wear: Face shield. Approved safety goggles.
Protective equipment	Wear protective clothing. Safety shoes. Wash all contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Viscous liquid.
Colour	Black.
Odour	Ammoniacal.
Relative density	1.435

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Heat, sparks and open flames.
Materials to avoid	Strong acids and strong bases. Strong oxidising agents.
Hazardous decomposition products	Carbon oxides. Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Corrosivity	Causes burns.
Sensitization	May cause sensitisation by skin contact.

12. ECOLOGICAL INFORMATION

Ecotoxicity	May cause long-term adverse effects in the aquatic environment.
Degradability	Not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.
----------------------------	---

14. TRANSPORT INFORMATION

Further information	The product is not classified as dangerous for carriage.
----------------------------	--

HX449TC/BKRevision 1
Revision date 29-Sep-2010**15. REGULATORY INFORMATION****Symbols** C - Corrosive; N - Dangerous for the environment**Risk phrases**

R34 - Causes burns.

R43 - May cause sensitisation by skin contact.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R62 - Possible risk of impaired fertility.

R63 - Possible risk of harm to the unborn child.

Safety phrases

S24 - Avoid contact with skin.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 - After contact with skin, wash immediately with plenty of [].

S29 - Do not empty into drains.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

HX449TC/BKRevision 1
Revision date 29-Sep-2010**16. OTHER INFORMATION****Text of risk phrases in Section 3.**

R21/22 - Harmful in contact with skin and if swallowed.
 R22 - Harmful if swallowed.
 R34 - Causes burns.
 R38 - Irritating to skin.
 R41 - Risk of serious damage to eyes.
 R43 - May cause sensitisation by skin contact.
 R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R62 - Possible risk of impaired fertility.

General information

IT SHOULD BE NOTED THAT THIS PRODUCT IS INTENDED FOR USE WITH A RESIN DESIGNATED BY ROBNOR RESINS. THE CORRESPONDING SAFETY DATA FOR THAT RESIN MUST BE STUDIED ALONG WITH THE DATA ON THIS SHEET PRIOR TO USE.
 USING RESINS 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 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.

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.

This Safety Data Sheet was compiled using information gathered concerning its individual components. We know no synergistic effects 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.

Revision

This document differs from the previous version in the following areas:
 12 - ecotoxicity.