

SAFETY DATA SHEET

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RL110H/BK

Revision 5
Revision date 15-Mar-2010

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name RL110H/BK
Company Robnor Resins Ltd
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2 HAZARDS IDENTIFICATION.

Main hazards Risk of serious damage to eyes.

3 . COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
2-Ethylhexane-1,3-diol	10 - 20%	94-96-2	202-377-9	Xi; R41

4. FIRST AID MEASURES

Skin contact 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. Seek medical attention if irritation or symptoms persist.

Inhalation Move the exposed person to fresh air. Seek medical attention.

Ingestion If swallowed, seek medical advice immediately and show this container or label. Drink 1 to 2 glasses of water. Ingest 300ml of activated charcoal. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person.

General information If you feel unwell, seek medical advice (show the label where possible).

5. FIRE FIGHTING MEASURES

Extinguishing media Carbon dioxide (CO2) Foam. Dry chemical. Water spray.

Fire hazards Burning produces irritating, toxic and obnoxious fumes.

Protective equipment Wear: Self-contained breathing apparatus.

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Personal precautions	Wear suitable protective equipment. Eliminate all sources of ignition. Keep personnel away from spill. Evacuate personnel to a safe area. Ensure adequate ventilation of the working area.
Environmental precautions	Do not let product contaminate subsoil. Do not allow product to enter drains.
Clean up methods	Remove mechanically; cover the remainder with wet, absorbent material (e.g. sawdust, chemical binder based on calcium silicate hydrate, sand). After approximately one hour transfer to waste container and do not seal (evolution of CO2!).

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Do not eat, drink or smoke in areas where this product is used or stored.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Do not store with food, feedstuffs, fertilizers and other sensitive materials..

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	Ensure adequate ventilation of the working area.
Occupational exposure controls	Keep away from food, drink and animal feedingstuffs.
Respiratory protection	Wear suitable respiratory equipment when necessary. Suitable half mask respirator with filter P3 (EN 143)
Hand protection	Rubber gloves. Chemical resistant gloves (PVC)
Eye protection	Face shield. Approved safety goggles.
Protective equipment	Avoid contact with eyes and skin. Wash all contaminated clothing before reuse. Wear suitable protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Black.
Odour	Slight.
Boiling point	148°C
Flash point	200°C
Relative density	0.92

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Heat, sparks and open flames.
Materials to avoid	Amines.
Hazardous decomposition products	Carbon oxides. Nitrogen oxides. Isocyanides. Hydrogen cyanide.

11. TOXICOLOGICAL INFORMATION

Sensitization	May cause sensitisation by skin contact.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data is available on this product.
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13. DISPOSAL CONSIDERATIONS

General information Can be incinerated if in compliance with local and national regulations.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Symbols Xi - Irritant



Risk phrases R41 - Risk of serious damage to eyes.

Safety phrases S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39 - Wear eye/face protection.

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R41 - Risk of serious damage to eyes.

General information

IT SHOULD BE NOTED THAT THIS PRODUCT IS INTENDED FOR USE WITH A HARDENER DESIGNATED BY ROBNOR RESINS LIMITED. 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 LIMITED 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:

9 - boiling point.

9 - flash point.

9 - relative density.

11 - repeated or prolonged exposure.

14 - aDR/RID.

14 - further information.