



SAFETY DATA SHEET

RX768E

Page: 1

Compilation date: 15/03/2005

Revision date: 22/09/2015

Revision No: 2

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: RX768E

Synonyms: EPOXY RESIN

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company name: Global Resins Limited
Park Lane Industrial Estate
Corsham
Wiltshire
SN13 9LG
United Kingdom

Tel: + 44 (0) 1249 715 566

Fax: + 44 (0) 1249 715 533

Email: office@globalresins.co.uk

1.4. Emergency telephone number

Emergency tel: + 44 (0) 1249 715 566
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317

Most important adverse effects: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.
Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H411: Toxic to aquatic life with long lasting effects.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark
GHS09: Environmental

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SAFETY DATA SHEET

RX768E

Page: 2



Precautionary statements: P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+352: IF ON SKIN: Wash with plenty of water/and soap.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see instructions on this label).

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}

EINECS	CAS	PBT / WEL	CLP Classification	Percent
500-033-5	25068-38-6	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411	30-50%

DI-ISONONYL PHTHALATE

249-079-5	28553-12-0	-	-	1-10%
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2,3 - EPOXY PROPYL ESTER OF MIXED TRIALKYL ACETIC ACIDS

-	26761-45-5	-	-	1-10%
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Contains: Reaction product: bisphenol -A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700).

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash contaminated clothing before reuse.
Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Ingestion: Wash out mouth with water. Do not induce vomiting. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed

[cont...]

SAFETY DATA SHEET

RX768E

Page: 3

person feels sick as vomiting may be dangerous. If unconscious and breathing is OK, place in the recovery position. Never give anything by mouth to an unconscious person.

Inhalation: If breathing has stopped or is laboured give assisted respiration. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious and breathing is OK, place in the recovery position. Maintain an open airway. Seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: May lead to reddening. May cause sensitisation by skin contact Irritation. Repeated or prolonged contact may cause defatting of the skin leading to irritation and dermatitis.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Containers may burst if over heated.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: No Smoking. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Avoid subsoil penetration. If the product enters drains or sewers, the local water company should be contacted immediately. In the case of contamination of streams, rivers or lakes contact the relevant environment agency.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid skin and eye contact. Smoking, eating and drinking should be prohibited in areas of storage and use. Provide eyewash station and ,

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SAFETY DATA SHEET

RX768E

Page: 4

if necessary, facilities for emergency showering. Exclude sources of heat, sparks and open flame.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Store in original containers, tightly closed. Keep away from food, drink and animal feeding stuffs.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not suitable to provide a comfortable atmosphere for personnel to work in, and in any case reduce vapour levels below the relevant occupational exposure limit, then appropriate respiratory protection should be worn.

Respiratory protection: A respirator fitted with an appropriate organic vapour cartridge should be worn if engineering controls are insufficient. Check with the manufacturer/supplier as to the suitability of any respiratory protection selected for use. If this product is cured with a suitable hardener and machined then an appropriate respirator should be worn. Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Wear impermeable plastic or rubber gloves. Please check with the manufacturer as to their suitability of use with this material.

Eye protection: Safety goggles.

Skin protection: Wear appropriate impervious clothing and boots to prevent any possibility of skin contact.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Black

Solubility in water: Practically insoluble.

Boiling point/range°C: >200C

9.2. Other information

Other information: No data available.

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SAFETY DATA SHEET

RX768E

Page: 5

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Sources of ignition. Take necessary action to avoid static electricity discharge. Heat sources, high temperatures and direct sunlight.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids. Strong bases. Amines. Peroxides. Mercaptans

10.6. Hazardous decomposition products

Haz. decomp. products: Irritating and toxic fumes may be emitted at elevated temperatures. In combustion emits toxic gases/vapours/fumes of carbon monoxide, carbon dioxide, nitrous oxides (NO_x), aromatic hydrocarbons with organic oxides, nitrogen and sulphur containing compounds.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}

ORL	MUS	LD50	15600	mg/kg
ORL	RAT	LD50	11400	mg/kg
SKN	RBT	LD50	>20	ml/kg

Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: May lead to reddening. May cause sensitisation by skin contact Irritation. Repeated or prolonged contact may cause defatting of the skin leading to irritation and dermatitis.

Section 12: Ecological information

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SAFETY DATA SHEET

RX768E

Page: 6

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: There is no data available on the product itself.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Avoid contamination of land, water courses and sewers. Harmful to aquatic organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

[final page]