

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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### RT125 Resin

Revision 8

Revision date 2015-05-20

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name RT125 Resin

##### 1.3. Details of the supplier of the safety data sheet


Company	ResinTech Limited
Address	Horcott, Fairford, Gloucestershire GL7 4BX
Web	www.resintech.co.uk
Telephone	+44 (0)1285 712755
Fax	+44 (0)1285 712999
Email	info@resintech.co.uk

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	Xi; R36/38-43 N; R51/53 Symbols: Xi: Irritant. N: Dangerous for the environment.
Main hazards	Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 2: H411;

##### 2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - 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 on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.

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## 2.2. Label elements

Precautionary Statement: Disposal	P391 - Collect spillage.
	P501 - Dispose of contents/container to

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Carbon Black		1333-86-4	215-609-9				
Bisphenol A-(epichlorhydrin) (reaction product)	603-074-00-8	25068-38-6	500-033-5			Xi; R36/38 R43 N; R51/53	
Kaolin		1332-58-7	310-194-1				

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Bisphenol A-(epichlorhydrin) (reaction product)	603-074-00-8	25068-38-6	500-033-5			Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;	
Kaolin		1332-58-7	310-194-1				

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Bathe the eye with running water for 15 minutes. Irritating to eyes. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. Wash off immediately with plenty of soap and water.
Ingestion	DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist. Rinse mouth thoroughly.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Carbon oxides.
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## 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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## 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

## 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Wear suitable protective clothing.
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## 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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## 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled container.
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## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
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## 7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

Carbon Black	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 3.5
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 7
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -
Kaolin	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: 2	WEL 15 min limit mg/m3 total respirable dust: -

## 8.2. Exposure controls

## 8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

## 8.2.2. Individual protection measures

Wear suitable protective clothing.

## Eye / face protection

Approved safety goggles.

Skin protection -  
Handprotection

Wear suitable protective clothing and gloves.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Black
Odour	Characteristic
Initial boiling point	150
Flash point	150
Relative density	1.35

## Water solubility

Insoluble in water.

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

Stable under normal conditions.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

## Skin corrosion/irritation

May cause severe irritation to eyes and skin.

## SECTION 12: Ecological information

## 12.6. Other adverse effects

May cause long-term adverse effects in the aquatic environment. Toxic to aquatic organisms.

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**SECTION 13: Disposal considerations**

## Disposal methods

Contact a licensed waste disposal company.

## Disposal of packaging

After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free).

**SECTION 14: Transport information**

## Hazard pictograms



## 14.1. UN number

UN3077

## 14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Epoxy Resin)

## 14.3. Transport hazard class(es)

ADR/RID 9

Subsidiary risk -

IMDG 9

Subsidiary risk -

IATA 9

Subsidiary risk -

## 14.4. Packing group

Packing group III

## 14.5. Environmental hazards

Environmental hazards Yes

Marine pollutant Yes

## ADR/RID

Hazard ID 90

Tunnel Category (E)

## IMDG

EmS Code F-A S-F

## IATA

Packing Instruction (Cargo) 956

Maximum quantity 400 kg

Packing Instruction (Passenger) 956

Maximum quantity 400 kg

**SECTION 15: Regulatory information****SECTION 16: Other information**

## Other information

## Revision

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

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## Other information

	<p>4 - Inhalation.  4 - Ingestion.  5 - 5.2. Special hazards arising from the substance or mixture.  11 - Skin corrosion/irritation.  14 - ADR/RID.  14 - IMDG.  14 - IATA.</p>
<b>Text of risk phrases in Section 3</b>	<p>R36/38 - Irritating to eyes and skin.  R43 - May cause sensitisation by skin contact.  R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>
<b>Text of Hazard Statements in Section 3</b>	<p>Skin Irrit. 2: H315 - Causes skin irritation.  Skin Sens. 1: H317 - May cause an allergic skin reaction.  Eye Irrit. 2: H319 - Causes serious eye irritation.  Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.</p>
<b>Further information</b>	
	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.</p>