

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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RT125 Hardener

Revision 7

Revision date 2015-05-20

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

1.1. Product identifier

Product name RT125 Hardener

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; R38-41-43
Symbols: Xi: Irritant.

Main hazards Irritating to skin. Risk of serious damage to eyes. May cause sensitisation by skin contact.

2.1.2. Classification - EC 1272/2008
Skin Corr. 1B: H314; Skin Sens. 1: H317;

2.2. Label elements

Hazard pictograms



Signal Word

Danger

Hazard Statement

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Skin Sens. 1: H317 - May cause an allergic skin reaction.

Precautionary Statement: Prevention

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement: Response

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P302+P352 - IF ON SKIN: Wash with plenty of water/ .
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.

Precautionary Statement: Disposal

P501 - Dispose of contents/container to

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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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.
Fatty acids C18-unsaturated		68911-25-1			40 - 60%	Xi; R38-41-43	
Kaolin		1332-58-7	310-194-1		40 - 60%		
3,3'-Oxybis (ethyleneoxy) bis (propylamine)		4246-51-9	224-207-2		5 - 10%	C; R34 R52/53	
Toluene	601-021-00-3	108-88-3	203-625-9		0.5 - 1%	F; R11 Repr. Cat. 3; R63 Xn; R48/20-65 Xi; R38 R67	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Fatty acids C18-unsaturated		68911-25-1			40 - 60%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318;	
Kaolin		1332-58-7	310-194-1		40 - 60%		
3,3'-Oxybis (ethyleneoxy) bis (propylamine)		4246-51-9	224-207-2		5 - 10%	Skin Corr. 1B: H314; Skin Sens. 1: H317;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Immediate medical attention is required.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.

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 equipment.
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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 containers for disposal. Clean spillage area thoroughly with plenty of water.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.1.1. Exposure Limit Values**

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 2 respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:
Toluene	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m3: 191
	WEL 15 min limit ppm: 100	WEL 15 min limit mg/m3: 384
	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:

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Safety glasses.
Skin protection - Handprotection	Wear suitable gloves.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	Liquid
Colour	Grey
Odour	Characteristic

SECTION 10: Stability and reactivity**10.2. Chemical stability**

	Stable under normal conditions.
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10.5. Incompatible materials

	Strong acids. Strong oxidising agents.
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SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute toxicity	May cause sensitisation by skin contact.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	CAUSES (SEVERE) EYE BURNS.

SECTION 12: Ecological information**SECTION 13: Disposal considerations****General information**

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

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ADR/RID

The product is not classified as dangerous for carriage.

IMDG

The product is not classified as dangerous for carriage.

IATA

The product is not classified as dangerous for carriage.

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

SECTION 16: Other information

Other information

Revision

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

- 2 - 2.1.2. Classification - EC 1272/2008.
- 2 - Hazard pictograms.
- 2 - Signal Word.
- 2 - Precautionary Statement: Prevention.
- 2 - Precautionary Statement: Response.
- 2 - Precautionary Statement: Storage.
- 2 - Precautionary Statement: Disposal.
- 4 - Inhalation.
- 4 - Ingestion.
- 10 - 10.5. Incompatible materials.
- 11 - Skin corrosion/irritation.
- 11 - Serious eye damage/irritation.

Text of risk phrases in Section 3

- R11 - Highly flammable.
- R34 - Causes burns.
- R38 - Irritating to skin.
- R41 - Risk of serious damage to eyes.
- R43 - May cause sensitisation by skin contact.
- R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R63 - Possible risk of harm to the unborn child.
- R65 - Harmful: may cause lung damage if swallowed.
- R67 - Vapours may cause drowsiness and dizziness.

Text of Hazard Statements in Section 3

- Skin Irrit. 2: H315 - Causes skin irritation.
- Skin Sens. 1: H317 - May cause an allergic skin reaction.
- Eye Dam. 1: H318 - Causes serious eye damage.
- Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

Further information

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.