

## SAFETY DATA SHEET

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### RT112 Resin

Revision 3  
Revision date 12-May-2009

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** RT112 Resin  
**Company** ResinTech Limited  
Horcott, Fairford,  
Gloucestershire GL7 4BX  
info@resintech.co.uk  
**Telephone** +44 (0)1285 712755  
**Fax** +44 (0)1285 712999  
**Emergency telephone number** +44 (0)1285 712755

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

##### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Bisphenol A-(epichlorhydrin) (reaction product)	90-100%	25068-38-6	500-033-5	Xi; R36/37/38 R43 N; R51/53

#### 3. HAZARDS IDENTIFICATION

**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.

#### 4. FIRST AID MEASURES

**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.

**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.

**Inhalation** Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

**Ingestion** Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

#### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Carbon oxides.

**Fire hazards** Burning produces irritating, toxic and obnoxious fumes.

**Protective equipment** Wear suitable respiratory equipment when necessary.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** Ensure adequate ventilation of the working area. Wear suitable protective equipment.

**Environmental precautions** Do not allow product to enter drains. Prevent further spillage if safe.

**Clean up methods** 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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## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Wear: Suitable respiratory equipment.
<b>Hand protection</b>	Chemical resistant gloves (PVC)
<b>Eye protection</b>	Approved safety goggles.
<b>Protective equipment</b>	Wear chemical protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Viscous liquid.
<b>Colour</b>	Off white.
<b>Odour</b>	Characteristic.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
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## 11. TOXICOLOGICAL INFORMATION

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Dispose of in compliance with all local and national regulations.
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## 14. TRANSPORT INFORMATION

### ADR/RID

<b>UN 3082</b>	<b>Packing group III</b>
<b>Class 9</b>	<b>Hazard ID 90</b>
<b>Proper Shipping Name</b> ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, (bisphenol A).	

### IMDG

<b>UN 3082</b>	<b>Packing group III</b>
<b>Class 9</b>	<b>Marine pollutant .</b>
<b>EmS Code</b> F-A S-F	

### IATA

<b>UN 3082</b>	<b>Packing group III</b>
<b>Class 9</b>	<b>Subsidiary risk -</b>
<b>Packing Instruction 914 (Cargo)</b>	<b>Maximum quantity 450 L</b>
<b>Packing Instruction 914 (Passenger)</b>	<b>Maximum quantity 450 L</b>

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## 15. REGULATORY INFORMATION

**Labelling** The product is classified in accordance with 67/548/EEC.

**Symbols** Xi - Irritant; N - Dangerous for the environment



**Risk phrases** 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.

**Safety phrases** S24 - Avoid contact with skin.  
S29 - Do not empty into drains.  
S37 - Wear suitable gloves.

## 16. OTHER INFORMATION

**Text of risk phrases in Section 2** R36/37/38 - Irritating to eyes, respiratory system 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.

**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.



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### RT112 Hardener

Revision 3  
Revision date 12-May-2009

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** RT112 Hardener  
**Company** ResinTech Limited  
Horcott, Fairford,  
Gloucestershire GL7 4BX  
info@resintech.co.uk  
**Telephone** +44 (0)1285 712755  
**Fax** +44 (0)1285 712999  
**Emergency telephone number** +44 (0)1285 712755

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

##### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
2,4,6-Tris(dimethylaminomethyl)phenol	1-10%	90-72-2	202-013-9	Xn; R22 Xi; R36/38
Capcure 3-800	90-100%			Xn; R42/43

#### 3. HAZARDS IDENTIFICATION

**Main hazards** May cause sensitisation by inhalation and skin contact.

#### 4. FIRST AID MEASURES

**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.

**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.

**Inhalation** Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

**Ingestion** Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

#### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Carbon oxides.

**Fire hazards** Burning produces irritating, toxic and obnoxious fumes.

**Protective equipment** Wear suitable respiratory equipment when necessary.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** Ensure adequate ventilation of the working area. Wear suitable protective equipment.

**Environmental precautions** Do not allow product to enter drains. Prevent further spillage if safe.

**Clean up methods** Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

Print date 12-Jun-2009

# RT112 Hardener

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## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Wear: Suitable respiratory equipment.
<b>Hand protection</b>	Chemical resistant gloves (PVC)
<b>Eye protection</b>	Approved safety goggles.
<b>Protective equipment</b>	Wear chemical protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Gel.
<b>Colour</b>	White.
<b>Odour</b>	Characteristic.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
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## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	May cause sensitisation by skin contact.
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## 12. ECOLOGICAL INFORMATION

## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Dispose of in compliance with all local and national regulations.
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## 14. TRANSPORT INFORMATION

<b>Further information</b>	The product is not classified as dangerous for carriage.
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## 15. REGULATORY INFORMATION

<b>Symbols</b>	Xn - Harmful
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<b>Risk phrases</b>	R42/43 - May cause sensitisation by inhalation and skin contact.
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<b>Safety phrases</b>	<p>S22 - Do not breathe dust.</p> <p>S23 - Do not breathe gas/fumes/vapour/spray.</p> <p>S24 - Avoid contact with skin.</p> <p>S37 - Wear suitable gloves.</p> <p>S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).</p> <p>S63 - In case of accident by inhalation: remove casualty to fresh air and keep at rest.</p>
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# RT112 Hardener

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## 16. OTHER INFORMATION

**Text of risk phrases in  
Section 2**

R22 - Harmful if swallowed.  
R36/38 - Irritating to eyes and skin.  
R42/43 - May cause sensitisation by inhalation and skin contact.

**Further information**

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