



**SAFETY DATA SHEET**  
according to 1907/2006/EC, Article 31

Page 1/3

**Glenair 779-001 Hardener**

Revision 6  
Revision date 2013-02-07

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

**1.1. Product identifier**

Product name Glenair 779-001 Hardener

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

Company Glenair UK Ltd  
Address 40 Lower Oakham Way  
Oakham Business Park  
Mansfield  
Nottinghamshire  
NG18 5BY

**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.

**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
Fatty acids C18-unsaturated		68911-25-1				Xi; R38-41-43
Kaolin (Kaolin, respirable dust)		1332-58-7	310-194-1			
3,3'-Oxybis (ethyleneoxy) bis (propylamine)		4246-51-9	224-207-2			C; R34 R52/53

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

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

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

Carbon oxides.

## Glenair 779-001 Hardener

Revision 6

Revision date 2013-02-07

## 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 (Kaolin, respirable dust)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m <sup>3</sup> : 2
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m <sup>3</sup> : -

## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
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8.2.2. Individual protection measures	Wear chemical protective clothing.
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Eye / face protection	Safety glasses.
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Skin protection - Handprotection	Wear suitable gloves.
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## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Grey
Odour	Characteristic

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

	Stable under normal conditions.
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## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Acute toxicity	May cause sensitisation by skin contact.
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## Glenair 779-001 Hardener

Revision 6

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

## General information

Dispose of in compliance with all local and national regulations.

**SECTION 14: Transport information**

## 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**

## Labelling

## Symbols

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

Xi: Irritant.



## Risk phrases

R38 - Irritating to skin.

R41 - Risk of serious damage to eyes.

R43 - May cause sensitisation by skin contact.

## Safety phrases

S24 - Avoid contact with skin.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39 - Wear suitable gloves and eye/face protection.

**SECTION 16: Other information**

## Other information

## Revision

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

8 - Respiratory protection.

8 - Skin protection - Handprotection.

8 - Eye / face protection.

## Text of risk phrases in Section 3

R34 - Causes burns.

R38 - Irritating to skin.

R41 - Risk of serious damage to eyes.

R43 - May cause sensitisation by skin contact.

R52/53 - Harmful 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.