

This safety data sheet has been prepared in accordance with the requirements of EC Directives 1999/45/EC and 2001/58/EC and provides information relating to the safe handling and use of the product.

1. PRODUCT AND COMPANY INFORMATION

Product Code PP-00124H
Trade Name PP-124 Hardener
Hardener for Super Eopxy
Manufacturer/Supplier Henkel Loctite Adhesives Ltd.
Address Watchmead,
Welwyn Garden City,
Herts., AL71JB.
UK
Phone Number 01 707 358800
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Emergency Phone Number +353-1-4599301/+353-87-2629625/+353-1-4046444

2. COMPOSITION / INFORMATION ON INGREDIENTS

Nature Part B of Two Part Epoxy Adhesive
For Part A See SDS No. PP-00124

Hazardous Components in Product for EC

Component Name	CAS / EINEC	Concentration	R Phrases	Classification
3-Aminopropyl Triethoxysilane	919-30-2 213-048-4	1.00 - 5.00	R22, R34	C
2,4,6-Tris (Dimethylaminomethyl) phenol	90-72-2 202-013-9	2.00 - 10.00	R22, R36/38	Xn

3. HAZARD IDENTIFICATION

This product is not classified as hazardous.
Prolonged contact with skin, particularly damaged skin, may cause sensitization or dermatitis in sensitive individuals.

4. FIRST AID MEASURES**First Aid - Inhalation**

Remove affected person to fresh air, and if still feeling unwell seek medical attention.

First Aid - Skin

Wash with plenty of soap and water. If irritation persists, seek medical advice.

First Aid - Eyes

Flush eyes with plenty of water for at least 15 minutes. If irritation persists seek medical attention.

First Aid - Ingestion

Rinse mouth with water, then give plenty of water to drink. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Non flammable product (flash point is greater than 100°C (CC)).
If product is involved in fire extinguish with dry powder, foam or carbon dioxide.
Toxic fumes such as oxides of carbon may be released on incineration and these should not be inhaled.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area.
Absorb spillage onto inert absorbent material and place in a closed container, which should be

6. ACCIDENTAL RELEASE MEASURES

partially filled (air space), for disposal.

Wash spillage site thoroughly with soap and water or detergent solution.

Try to prevent the material from entering drains or water courses.

7. HANDLING AND STORAGE**Handling**

Use in a well ventilated area. Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation.

Storage

Storage temperature range 1°C to 25°C.

Keep in a cool, well-ventilated area.

Store in original containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

In circumstances where there is a potential for prolonged or repeated skin contact, the use of disposable gloves (polyethylene, natural rubber or equivalent ester-resistant material) is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Viscous liquid.
Colour	Pale. Yellow
Odour	Mild. Characteristic.
pH	N/A
Boiling Range/Point (°C)	N/A
Flash Point (CC) (°C)	> 100
Specific Gravity	1.1-1.25 at 25 °C.
Solubility in Water (kg/m³)	Immiscible.
Solubility in Acetone	Partially soluble
Vapour Pressure (mmHg @25°C)	Less than 5 at 20 °C.
Explosion Limits (%)	N/A

10. STABILITY AND REACTIVITY

The product is relatively stable under normal conditions of use. Reacts vigorously with: oxidising agents.

11. TOXICOLOGICAL INFORMATION**Inhalation**

Prolonged inhalation of traces of vapour should be avoided.

Skin

Acute dermal LD50 (rabbit) is estimated to be greater than 2000mg/kg.

Prolonged contact may cause some irritation.

Eyes

Contact with eyes will cause irritation.

Ingestion

This product is considered to be of low toxicity having an acute oral LD50 (rat) >5000mg/kg by

11. TOXICOLOGICAL INFORMATION

analogy to other similar products.

12. ECOLOGICAL INFORMATION

Keep away from drains and open waters.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local and national regulations. Incinerate or bury in legal landfill.

14. TRANSPORT INFORMATION

UN Number	None
Air (IATA)	Not classified.
Sea (IMO)	Not classified.
Road (ADR)/Rail (RID)	Not classified.

15. REGULATORY INFORMATION

Contains	N/A
Labelling Information	None
R phrases	None.
S phrases	None.
Voluntary Labelling	None.

16. OTHER INFORMATION

MSDS data revised 9 May 2003

Hazardous Components in Product for EC**Component Name**

3-Aminopropyl Triethoxysilane

2,4,6-Tris (Dimethylaminomethyl) phenol

R22

R34

R36/38

R22 Harmful if swallowed.

R34 Causes burns.

R36/38 Irritating to eyes and skin.

R Phrases

R22, R34

R22, R36/38

Supersedes Safety Data Sheet No: PP 00124H dated 17/01/2002.

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Further Information may be obtained from:-

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Health and Regulatory Affairs - Europe,
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Whitestown, Dublin 24,
Ireland.

**Loctite Corporation**

Environmental Health & Safety Affairs
Health & Regulatory Affairs - Europe

SAFETY DATA SHEET

PP-124 Hardener Hardener for Super Eopxy
PP-00124H 2.00 IE EA 09.05.2003 MSDS_IE

Component Name

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Fax: +353-1-4510806.

R Phrases

The regulations from The National Occupational Safety and Health Administration (=Arbetarskyddsstyrelsen) AFS 1996:4 Hårdplaster is valid for this product.

This safety data sheet was prepared in accordance with Commission Directive 2001/59/EC adapting to technical progress for the 28th time Council Directive 67/548/EEC and Commission Directive 1999/45/EC.

The information in this safety data sheet was obtained from reputable sources and to the best of our knowledge is accurate and current at the mentioned date. Neither Loctite nor its subsidiary companies accept any liability arising out of the use of the information provided here or the use, application or processing of the product(s) described herein. Attention of users is drawn to the possible hazards from improper use of the product(s).
