

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-00030
Trade Name	Extra Hardener (Phthalate Free) PP-30 &31.
Manufacturer/Supplier	Henkel Loctite Adhesives Ltd.
Address	Watchmead, Welwyn Garden City, Herts., AL71JB. UK
Phone Number	01 707 358800
Fax Number	01 707 358900
Emergency Phone Number	+353-1-4599301/+353-87-2629625/+353-1-4046444

2. COMPOSITION / INFORMATION ON INGREDIENTS

Nature Organic peroxide hardener for polyester fillers.
Organic peroxide

Hazardous Components in Product for EC

Component Name	CAS / EINEC	Concentration	R Phrases	Classification
Dibenzoyl peroxide	94-36-0	202-327- 40.00 - 60.00	R2, R36, R43	E, Xi
Dipropylene glycol Dibenzoate	27138-31-4	248- 20.00 - 30.00		
Zinc distearate	557-05-1	209- 1.00 - 3.00	R37	Xi

3. HAZARD IDENTIFICATION

Oxidising. Irritating to eyes. May cause sensitisation by skin contact.
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. Seek medical advice.

5. FIRE FIGHTING MEASURES

If product is involved in fire extinguish with dry powder, foam or carbon dioxide. Thermal decomposition would produce a complex variety of chemical species, some of which could be irritating and/or harmful if inhaled in significant volumes.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area. Eliminate sources of ignition.

Absorb spillage onto an inert absorbent material and place in a closed container for disposal.

7. HANDLING AND STORAGE

Handling

Use in well ventilated area. Vapours should be extracted to avoid inhalation. Avoid sources of ignition - no smoking. Avoid contact with skin and eyes.

Storage

Storage temperature range 1°C to 25°C. Store away from heat in a cool, well-ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Good industrial hygiene practices should be observed.

In circumstances where there is a potential for prolonged or repeated skin contact, the use of polyvinyl chloride or nitrile rubber gauntlets or equivalent solvent resistant gloves is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste.
Colour	White.
Odour	Faint
pH	N/A
Boiling Range/Point (°C)	Not applicable. Decomposes before boiling.
Flash Point (CC) (°C)	>50
Specific Gravity	1.14-1.15.
Solubility in Water (kg/m³)	Slightly soluble
Solubility in Acetone	Insoluble
Vapour Pressure (mmHg @25°C)	Less than 0.1 at 20 °C.
Explosion Limits (%)	N/A

10. STABILITY AND REACTIVITY

Stable under normal conditions. Destabilised by reducing agents.

11. TOXICOLOGICAL INFORMATION

Inhalation

Irritating to respiratory system.

Skin

Prolonged contact may cause some irritation.

Eyes

This product may cause severe damage to the eyes.

Ingestion

May irritate the digestive tract. Ingestion of large quantities may cause damage to liver or kidneys.

12. ECOLOGICAL INFORMATION

Biodegradable product of low ecotoxicity.

12. ECOLOGICAL INFORMATION

Avoid disposing of the container, even when empty, into the environment.



13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local and national regulations. Incineration under controlled conditions recommended.

14. TRANSPORT INFORMATION

UN Number	3108
Air (IATA)	Organic peroxide, type E solid, Class 5.2, Pkg. Grp. II.
Sea (IMO)	Organic Peroxide, type E, solid, (dibenzoyl peroxide) Class 5.2, Pkg.Gr. II, EmS F-J, S-R .
Road (ADR)/Rail (RID)	Organic peroxide, type E, solid, (dibenzoyl peroxide) Class 5.2, label 5.2. Classification code: P1

15. REGULATORY INFORMATION

Contains	Benzoyl peroxide			
Labelling Information		Oxidizing		Irritant
R phrases	R7 May cause fire. R36 Irritating to eyes. R43 May cause sensitisation by skin contact.			
S phrases	S2 Keep out of the reach of children. S3/7 Keep container tightly closed in a cool place. S15 Keep away from heat. 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. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.			
Voluntary Labelling	N/A			

16. OTHER INFORMATION

MSDS data revised 12 September 2003

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

Dibenzoyl peroxide
Dipropylene glycol Dibenzoate
Zinc distearate
R2
R36
R37
R43

R Phrases

R2, R36, R43

R37

R2 Risk of explosion by shock, friction, fire or other sources of ignition.
R36 Irritating to eyes.
R37 Irritating to respiratory system.
R43 May cause sensitisation by skin contact.

Supersedes Safety Data Sheet No: PP-00030 dated 21/05/2003.

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Component Name

Health & Regulatory Affairs - Europe

R Phrases

Further Information may be obtained from:-

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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. Attention of users is drawn to the possible hazards from improper use of the product(s). 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.
