

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

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Hardener CAT 800

Revision 0

Revision date 2011-12-06

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

1.1. Product identifier

Product name Hardener CAT 800

1.3. Details of the supplier of the safety data sheet

Company	Renishaw plc
Address	Whitebridge Way, Whitebridge Park, Stone, Staffordshire ST15 8LQ United Kingdom
Web	www.renishaw.com
Telephone	+44 (0)1785 815651
Fax	+44 (0)1785 812115
Email	msds@renishaw.com
Email address of the competent person	msds@renishaw.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards No Significant Hazard

2.2. Label elements

Risk phrases No Significant Hazard.

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
Silicone					80 - 90%	

Characteristic. Chemical Name. Silicone.

Further information

No Significant Hazard The product is classified as non hazardous.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water for 15 minutes. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Wash off immediately with plenty of soap and water.

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4.1. Description of first aid measures

Ingestion	Seek medical attention if irritation or symptoms persist.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon dioxide (CO ₂). Dry chemical. Foam. Water spray.
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5.2. Special hazards arising from the substance or mixture

	Do not breathe dust or vapour. Formulation of SiO ₂ , and CO is possible.
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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

	No safety clothing required. No Significant Hazard. Ensure adequate ventilation of the working area.
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6.2. Environmental precautions

	Do not allow runoff water to enter sewers or drains.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes. Avoid contact with skin. Use only in well-ventilated areas.
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7.2. Conditions for safe storage, including any incompatibilities

Suitable packaging

	Keep container tightly closed and dry. Keep container tightly closed in a cool place. Store in original container.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Hardener CAT 800	WEL 8-hr limit ppm: No Limit Identified	WEL 8-hr limit mg/m ³ : No Limit Identified
	WEL 15 min limit ppm: No Limit Identified	WEL 15 min limit mg/m ³ : No Limit Identified
Silicone	WEL 8-hr limit ppm: No Limits Identified	WEL 8-hr limit mg/m ³ : No Limits Identified
	WEL 15 min limit ppm: No Limits Identified	WEL 15 min limit mg/m ³ : No Limits Identified

8.2. Exposure controls



Eye / face protection

Suitable eye protection.

Skin protection -
Handprotection

Wear suitable gloves.

Respiratory protection

Not normally required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Colourless
Odour	Odourless
Melting point	Not determined
Boiling point	Not determined
Explosive	Not determined
Oxidising	No data available
Freezing Point	No data available
Evaporation rate	No data available
Flammability limits	No data available
Vapour Flammability	No data available
Vapour pressure	No data available
Vapour density	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Viscosity	No data available
Autoignition temperature	> 230 °C
Flash point	> 100 °C
Relative density	= 1 (Water = 1 @ 20 °C)
pH	= 7
Solubility	= Immiscible in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Acids. Alcohols. Alkalis. Amines.

10.4. Conditions to avoid

Oxidising and Acid materials.

10.6. Hazardous decomposition products

Toxic fumes. SiO₂, Hydrogen. Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation May cause irritation to eyes. May cause irritation to skin.

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

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12.2. Persistence and degradability

Not readily biodegradable.

Further information

Slightly toxic to ground water. Do not allow product to enter drains.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste suitable for incineration.

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.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Regulations**

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical safety assessment

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Further information

T S C A (T o x i c S u b s t a n c e s C o n t r o l A c t) :. All ingredients are listed. CAA 112. CallProp 65. CWA 311. Massachusetts. Sara 302. Sara 304. Sara 313. None of the ingredients is listed.

SECTION 16: Other information**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.