RENISHAW
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SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Resin 8045 A

Revision 0
Revision date 2012-09-28

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

1.1. Product identifier

Product name	Resin 8045 A

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [SU0] Other; [PC0] Other; [PROC19] Hand-mixing with intimate contact and only PPE available;

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

1.4. Emergency telephone number

Emergency telephone number	+44 (0)1785 815651
Company	MSDS Renishaw 0800-1700

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.

2.3. Other hazards

Other hazards	The product is classified as non hazardous.

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
Polyetherpolyol					20 - 30%	

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash off immediately with plenty of soap and water.
Ingestion	Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	No Significant Hazard.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water.
Ingestion	Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.

4.3. Indication of any immediate medical attention and special treatment needed

	If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Water. Foam. Dry chemical. Carbon dioxide (CO2).

5.2. Special hazards arising from the substance or mixture

	Carbon oxides. may be formed in fire conditions.

5.3. Advice for firefighters

	Protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Wear suitable protective clothing and gloves.

6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Contact a licensed waste disposal company.

6.4. Reference to other sections

	Refer to sections 8,12 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Keep container tightly closed in a cool place. Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Suitable packaging	Keep only in the original container in a cool, well-ventilated place.

7.3. Specific end use(s)

	After contact with skin, wash immediately with plenty of water. Avoid contact with eyes. Keep away from sources of ignition - No smoking. Wear suitable protective equipment.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

	No observed adverse effect level. No observed effect concentration.

8.2. Exposure controls

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8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area. Keep containers tightly closed. Keep in a cool, dry, well ventilated area.
8.2.2. Individual protection measures	Wear suitable protective clothing. Use appropriate personal protective equipment. Avoid contact with eyes and skin.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Wear suitable gloves and eye/face protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Clear
Odour	Slight
pH	No data available
Melting point	No data available
Freezing Point	No data available
Boiling point	No data available
Flash point	> 196 °C
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
Relative density	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive	No data available
Oxidising	No data available
Solubility	No data available

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

10.1. Reactivity

Avoid contact with:. Oxidising agents.

10.2. Chemical stability

Stable.

10.5. Incompatible materials

Acids. Oxidising agents.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	No data available.
Serious eye damage/irritation	No data available.

11.1.4. Toxicological Information

	No data available

SECTION 12: Ecological information

12.1. Toxicity

	No data available

12.2. Persistence and degradability

	No data is available on this product.

12.3. Bioaccumulative potential

	No data is available on this product.

12.4. Mobility in soil

	No data is available on this product.

12.5. Results of PBT and vPvB assessment

	No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

	This material and its container must be disposed of as hazardous waste.

General information

	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Contact a licensed waste disposal company.

Disposal methods

	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Contact a licensed waste disposal company.

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	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 water.
	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.

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) :. None of the ingredients is listed. CAA

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Further information	
	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. The product is not classified as dangerous for carriage.

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