

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

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**Resin 8051 A**

Revision 1

Revision date 2011-12-08

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

**1.1. Product identifier**

<b>Product name</b>	Resin 8051 A
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**1.3. Details of the supplier of the safety data sheet**

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

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

<b>Main hazards</b>	No Significant Hazard
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**2.2. Label elements**

<b>Risk phrases</b>	No Significant Hazard.
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**2.3. Other hazards**

<b>Other hazards</b>	The product is classified as non hazardous.
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**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

	Characteristic. Chemical Name. Polyetherpolyol.
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**Further information**

	This product does not contain any substances classified as hazardous to health.
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**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

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

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

<b>Inhalation</b>	No Significant Hazard.
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## 4.2. Most important symptoms and effects, both acute and delayed

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).
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## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Water. Foam. Dry chemical. Carbon dioxide (CO2).
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## 5.2. Special hazards arising from the substance or mixture

	Carbon Monoxide may be formed in fire conditions.
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## 5.3. Advice for firefighters

	Self-contained breathing apparatus.
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## SECTION 6: Accidental release measures

## 6.1. Personal precautions, protective equipment and emergency procedures

	Wear suitable protective clothing and gloves.
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## 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Contact a licensed waste disposal company.
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## 6.4. Reference to other sections

	Refer to sections 8,12 and 13.
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## 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.
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## 7.2. Conditions for safe storage, including any incompatibilities

Suitable packaging	Keep only in the original container in a cool, well-ventilated place.
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## 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.
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## SECTION 8: Exposure controls/personal protection



## 8.1. Control parameters

	No WEL's have been identified for this substance.
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## 8.1.1. Exposure Limit Values

Resin 8051 A	WEL 8-hr limit ppm: No Limit Identified	WEL 8-hr limit mg/m3: No Limit Identified
	WEL 15 min limit ppm: No Limit Identified	WEL 15 min limit mg/m3: No Limit Identified

## 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.

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## 8.2. Exposure controls

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	Amber
Odour	Odourless
Melting point	No data available
Freezing Point	No data available
Boiling point	> 200 °C
Flash point	> 200 °C
Evaporation rate	No data available
Flammability limits	No data available
Vapour Flammability	No data available
Vapour pressure	No data available
Vapour density	= 1.19 g/cm <sup>3</sup>
Relative density	= 1.19 (Water = 1 @ 20 °C)
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	Not applicable.
Viscosity	No data available
Explosive	Not applicable.
Oxidising	No data available
Solubility	= Slightly miscible 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

## 10.1. Reactivity

	Avoid contact with: Acids, Oxidising agents.
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## 10.2. Chemical stability

	Stable.
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## 10.3. Possibility of hazardous reactions

	Acids. Isocyanides. Oxidising agents.
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## 10.5. Incompatible materials

	Acids. Oxidising agents.
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## 10.6. Hazardous decomposition products

	Carbon dioxide (CO <sub>2</sub> ). Hydrocarbons.
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## SECTION 11: Toxicological information

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## 11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

## 11.1.4. Toxicological Information

	No data available
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## SECTION 12: Ecological information

## 12.1. Toxicity

	No data available
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## 12.2. Persistence and degradability

	Insoluble in water.
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## 12.3. Bioaccumulative potential

	No data is available on this product.
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## 12.4. Mobility in soil

	No data is available on this product.
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## 12.5. Results of PBT and vPvB assessment

	No data available.
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## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

	This material and its container must be disposed of as hazardous waste.
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## 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.
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## 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.
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## SECTION 14: Transport information

## ADR/RID

	The product is not classified as dangerous for carriage.
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## IMDG

	The product is not classified as dangerous for carriage.
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## IATA

	The product is not classified as dangerous for carriage.
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## 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 ) : . All ingredients are listed. CAA 112. CallProp 65. CWA 311. Massachusetts. Sara 302. Sara 304. Sara 313. None of the ingredients is
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## Further information

listed.

**SECTION 16: Other information**

## Other information

## Revision

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

15 - Further 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.