



CP0054 / 1

Materials Safety Data Sheet

Double Bubble

Stock Number: 514-701

Section 1.		Identification of the Substance/Preparation and Company	
Product Name:	Double Bubble Epoxy Resin.		
Supplier:	RS Components Ltd., P.O.Box 99, Corby, Northants., NN17 9RS (+44) 0(1)536-402888		
Section 2.		Composition/Information on Ingredients	
<u>Ingredient</u>	<u>%range</u>	<u>Sym/let</u>	<u>Risk Phrases</u>
Epoxy resin	>1	Xi	Irritating to eyes and skin. May cause sensitisation by skin contact.
Aliphatic triglycidyl ether	>1	Xi	Irritating to eyes and skin. May cause sensitisation by skin contact.
Mercaptan polymer	>20	Xi	Irritating to eyes and skin.
Section 3.		Hazards Identification	
Slight eye and skin irritant. Risk of sensitisation by skin contact. Low inhalation and ingestion risk.			
Section 4.		First Aid Measures	
Inhalation:	Does not present an inhalation risk in well ventilated work areas.		
Skin Contact:	Wash with soap and water.		
Eye Contact:	Irrigate with large amounts of water for 15 minutes. Get medical attention.		
Ingestion:	Give milk to dilute stomach contents. Do not induce vomiting. Seek medical attention.		
Section 5.		Fire-Fighting Measures	
Suitable Extinguishing Media:	Dry powder, foam, CO ₂ .		
Exposure Hazards:	Combustion may release noxious or toxic vapours.		
Section 6.		Accidental Release Measures	
Personal precautions:	Refer to section 8; Personal Protection.		
Environmental Precautions:	Refer to Section 13; Disposal.		
Methods of clearing up:	Wipe up with paper towel. Clean up residue with absorbent material and dispose as Section 13.		
Section 7.		Handling and Storage	
Handling:	Use in well ventilated areas. Users are reminded that all materials, whether innocuous or not, should be handled according to principles of good industrial hygiene.		
Storage:	Store in a cool, dry place.		

Section 8.		Exposure Controls/Personal Protection	
Engineering Measures:	Normal room ventilation should be adequate. If vapours are bothersome near the work area, local mechanical ventilation should be provided.		
Eyes:	Wear safety goggles.		
Hand:	Wear gloves (rubber or PVC).		
Skin:	Wear protective overalls.		
Respiratory Protection:	Not normally required for foreseeable conditions of use.		
Section 9.		Physical and Chemical Properties	
Appearance/Colour:	Amber liquids.	Odour:	Faint epoxy (Resin)
Flammability:	Non flammable		Pineapple (Hardener)
Relative Density:	1.2 (Resin)	Solubility/Miscibility:	Soluble in ketones and chlorinated solvents before mixed and hardened.
	1.6 (Hardener)		
Viscosity:	50-70 Pa.s (Resin)		
	9-16 Pa.s (Hardener)		
Section 10.		Stability and Reactivity	
	<u>Resin</u>	<u>Hardener</u>	
Stability:	Material is stable under normal temperatures and pressures.	Material is stable under normal temperatures and pressures.	
Conditions to Avoid:	Excessive heat.	Excessive heat.	
Materials to Avoid:	Bases, amines, acids and oxidising materials may give rise to a highly exothermic reaction	Oxidising materials and epoxy resins may give rise to a highly exothermic reaction.	
Hazardous Decomposition Products:	Combustion products include phenolics, carbon monoxide and water.	Combustion products include carbon dioxide, carbon monoxide, hydrogen sulphide and oxides of sulphur.	
Section 11.		Toxicological Information	
<u>Toxic effects arising from exposure based on experimental/non experimental data</u>			
	<u>Resin</u>	<u>Hardener</u>	
Ingredient:	Epoxy resin (number average molecular weight not more than 700)	Mercaptan polymer.	
LD ₅₀ (Oral rat):	>2000mg / kg	2600mg / kg	
LD ₅₀ (Dermal rabbit):	>2000mg / kg	>10200mg / kg	
Notes on dermal toxicity:	Prolonged or repeated contact may cause dermatitis or sensitisation.	—	
LD ₅₀ (Inhalation rat):	N.A.	>0.1mg / l	
Notes on eye irritation:	Slight.	Mildly irritating.	
General notes on toxicity:	Material is a skin and eye irritant and may cause skin sensitisation.	—	
Section 12.		Ecological Information	
<u>Possible environmental effects and behaviour/ODP/aquatic toxicity</u>			
No data available.			
Section 13.		Disposal Considerations	
<u>Safe disposal of product, its residues and packaging materials:</u>			
Dispose of according to Local Regulations. See also Sections 7 & 8 for handling precautions and personal protection where applicable.			
Section 14.		Transport Information	
Not classified as hazardous for transportation.			

Section 15.	Regulatory Information
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<u>Labelling Information</u>	
Indication of Danger:	Black St Andrews Cross. Irritant.
Contains:	Mercaptan polymer. Epoxy constituents. See information supplied by the manufacturer.
Risk Phrases:	Irritating to eyes and skin. May cause sensitisation by skin contact.
Safety Phrases:	After contact with skin wash immediately with plenty of soap and water. Wear suitable gloves and eye / face protection.

Section 16	Other Information
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Recommended uses and restrictions:	Use only as directed.
Publication refs:	Compiled in accordance with CHIP Regulations 1993. HSC Approved Code of Practice, Document L37.

Section 17.	Section Revision and Dates
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<u>Section:</u>	
<u>Change:</u>	
<u>Date:</u>	
<u>Legend:</u>	N.A.=Not Applicable or Not Available. N.D.=Not Determined or Not Determinable. Est.=Estimated.

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The above information has been compiled from that provided by our suppliers and other sources. None of the original information relating to hazards or potential hazards has been omitted, and so the absence of a particular reference merely implies either that such information has not been determined or that it is not applicable. Should amendments become necessary, these will be published in future issues and forwarded to your organisation.