

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Product	Resbuild SF Coating	Base Component
Company Name	Resin Building Products Ltd Resbuild House Unit 2, Durham Lane Armthorpe Doncaster, UK DN3 3FE Tel: +44 (0) 1302 300822 Fax: +44 (0) 1302 300833 www.resbuild.co.uk	

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	Mixture of Epoxy Resin and reactive diluent					
	Name	EC No	CAS -No	Content	Symbol	R Phrase
	Bisphenol A=Epichlorhydrin Resin with no. average M.W.=700	500- 006- 8	028064-14-4	34-42%	Xi,N	R36/38 R43 R51 R53
	Bisphenol F = Epoxy Resin		9003-36-5	14-20%	Xi N	R36/38 R43 R51 R53
	C ₁₂ -C ₁₄ aliphatic Glycidyl Ether		68609-97-2	6-12%	Xi,N	R36/38 R43 R51 R53

3. HAZARDS IDENTIFICATION

Main Hazards Irritating to eyes and skin. May cause sensitisation by skin contact. Not classified as flammable but will burn.

4. FIRST AID MEASURES

Skin contact Remove contaminated clothing immediately. Rinse affected skin with copious amounts of soap and water. If persistent irritation occurs obtain medical attention.

Eye contact Immediately flush eyes with running water for at least 15 minutes without interruption. Seek medical advice.

Ingestion **DO NOT** induce vomiting. If rapid recovery does not occur obtain medical attention.

Inhalation No specific measures. Remove to fresh air in case of indisposition.

5. FIRE-FIGHTING MEASURES

Extinguishing media Dry powder, Carbon Dioxide, Water spray.

Exposure hazards Carbon Monoxide may be evolved if incomplete combustion occurs.

Protection of fire-fighters Wear full protective clothing and self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Avoid skin, eye and clothing contact. Provide sufficient ventilation during use.

Environmental precautions Prevent from entering sewer system, surface water or soil. Prevent from spreading into drains, ditches or rivers by using sand, earth or other appropriate barriers

Clean-up procedures Soak up with absorbent material e.g. dry sand, vermiculite, and dispose of as instructed
Shovel up and place in a labeled, sealable container for subsequent disposal.

7. HANDLING AND STORAGE

- Handling requirements** Use in well ventilated areas. Keep containers tightly closed when not in use. Avoid contact with skin, eyes and clothing.
Avoid temperatures below 5°C.
- Storage conditions** Store at ambient temperatures.
- Suitable packaging** Must only be kept in original packaging.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering measures** Ensure there is sufficient ventilation of the area.
- Hand protection** Protective gloves of PVC or rubber.
- Eye protection** Mono-goggles.
- Skin protection** Standard issue work clothes. Safety boots/shoes; chemical resistant.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State** Liquid.
- Colour** As indicated on product label
- Odour** Slight
- Solubility in water** Negligible
- Density** 1.20 – 1.36/cm³@20°C.
- Flash point °C** >200°C

10. STABILITY AND REACTIVITY

- Stability** Stable under normal conditions. Thermal decomposition not applicable under normal conditions.
Temperatures above 95°C.
- Conditions to avoid** Acids, Strong Oxidising Agents, and Caustic Soda.
- Materials to avoid** Carbon Dioxide, Carbon Monoxide.
- Haz. Decomposition Products**

11. TOXICOLOGICAL INFORMATION

- Ingestion** LD50 Acute oral toxicity in rats : >2000mg/kg.
- Eye Contact** Eye irritation tested in rabbits : Irritant
- Skin Contact** Skin irritation tested in rabbits : Irritant
- Mutagenicity** Negative Ames test.

12. ECOLOGICAL INFORMATION

- Mobility** Readily absorbed into soil. Prevent contamination of soil, drains or surface water.
- Bioaccumulative potential** Material sinks in water and has the potential to Bio-accumulate.
- Other adverse effects** Not readily Bio-degradable (Sturm Test), Toxic to aquatic organisms

13. DISPOSABLE CONSIDERATIONS

- Recover or recycle if possible.
Otherwise dispose to licensed disposal contractor.

14. TRANSPORT INFORMATION

ADR/RID

UN no	3082	ADR Class	9
Packing Group	III	Classification	C11
Proper Shipping Name	Environmentally Hazardous Substance, Liquid n.o.s (Bisphenol A Epoxy Resins)	code	
		Risk no	90

IMDG/IMO

UN no	3082	Class	9
Packing Group	III	EmS	F-A S-F
Marine Pollutant	Y	Labelling	9

IATA/ICAO

UN no	3082	Class	9
Packing Group	III	Packing Instruction	914 (cargo/passenger aircraft)
Labelling	9		

15. REGULATORY INFORMATION

Hazard Symbol	Xi, Irritant. N, Dangerous to the environment.
Risk Phrases	R36/38, Irritating to eyes and skin. R43, May cause sensitization by skin contact. R51, Toxic to aquatic organisms R53, May cause long-term adverse effects in the aquatic environment.
Safety Phrases	S24, Avoid contact with skin. 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 soap and water. S37/39, Wear suitable protective clothing, gloves, and eye/face protection. S61, Avoid release to the environment.

16. OTHER INFORMATION

Other information Read in conjunction with the appropriate **CURING AGENT** component Material Safety Data Sheet.

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Resin Building Products Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.