

SDS: Fastpatch Base

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

Product Fastpatch Base Component

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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-	7-10%	Xi,N	R36/38 R43 R51 R53
Bisphenol F = Epoxy Resin		9003-36-5	3-4%	Xi N	R36/38 R43 R51 R53
C12-C14 aliphatic Glycidyl Ether		68609-97-2	1-3%	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 labelled, 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	Grey
Odour	Slight
Solubility in water	Negligible
Density	2.00 – 2.20/cm ³ @20°C.
Flash point °C	>200°C

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions. Thermal decomposition not applicable under normal conditions
Conditions to avoid	Temperatures above 95°C. Acids, Strong Oxidising Agents, and Caustic Soda.
Materials to avoid	Carbon Dioxide, Carbon Monoxide
Haz. Decomposition Products	None

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

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

<u>IMDG/IMO</u>			
UN no	3082	Class	9
Packing Group	III	EmS	F-A, S-F
Marine Pollutant	Yes	Labelling	9

<u>IATA/ICAO</u>			
UN no	3082	Class	9
Packing Group	III	Packaging Instructions	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 Issued 3 April 2013

Legal disclaimer:

The information of this SDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction.

It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. If data is more than 12 months old then data should only be used after checking with Urban Hygiene office.

The information in this SDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products properties.