

MATERIAL SAFETY DATA weber.color poxy

EDITION: 1 DATE: January 2010

1. PRODUCT

NAME: weber.color poxy

Chemical Nature

A two-component paste adhesive based on a Bisphenol A/F epoxy resin, a modified aliphatic polyamine hardener.

Manufacturer

Saint-Gobain Weber Co., Ltd. Gypsum Metropolitan Tower 14th Floor 539/2 Si-Ayutthaya Road, Thanonphayathai, Ratchathewi, Bangkok 10400 Thailand

EMERGENCY TELEPHONE NUMBER. +662 245 8777

2. COMPOSITION

Resin component contains Bisphenol A/F Resin with Av. MW < 700. Contains epoxy constituents. See information supplied by the manufacturer.

EEC Symbol: Xi, N

R Phrases: 36/38, 43, 51/53

Hardener component contains TOFA (10-30%) CAS No. 68953-36-6, tetraethylenepentamine (<10%) CAS No. 112-57-2 and 3-aminomethyl-3,5,5-

trimethylcyclohexylamine (<10%) CAS No. 2855-13-2

EEC Symbol: C R Phrases: 34, 43

3. HAZARDS IDENTIFICATION

Resin Component

Irritating to eyes and skin

May cause sensitisation by skin contact

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hardener Component

Causes burns

May cause sensitisation by skin contact

4. FIRST AID MEASURES

SKIN CONTACT: Wipe off excess with absorbent disposable paper towels.

Wash with plenty of soap and water. Do not use organic

solvents

EYE CONTACT: Rinse immediately with water for at least 15 minutes. Seek

medical attention immediately

INHALATION: Move affected person to fresh air. In case of irritation to

respiratory system or mucous membrane or if symptoms

persist seek medical attention

INGESTION: Immediately rinse mouth repeatedly with water. If swallowing has occurred the affected

person should drink 500 -800ml. of water. Seek medical attention promptly

5. FIRE-FIGHTING MEASURES

Suitable Extinguishers:

Water mist, Carbon dioxide, Foam and Dry powder. Do not use high-pressure water jet extinguishers.

Exposure hazards

Do not release chemically contaminated water into drains, soil or surface water. Sufficient measures must be taken to retain water used for extinguishing. Dispose of contaminated water and soil according to local regulations.



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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid contact with skin, eyes and clothing. Avoid breathing vapours. Avoid ignition sources.

Environmental Precautions

Prevent contamination of soil drains and surface water.

Methods for Cleaning

Take up with absorbent, dry inert material and place in a suitable and closable container for disposal according to local regulations.

7. HANDLING AND STORAGE

Resin is irritant and sensitising. Hardener is harmful if swallowed, causes burns and sensitising. Avoid vapour formation and ignition sources. Ensure good ventilation. Do not eat or drink in workplace.

Store away from food and drink. Store in original undamaged containers securely closed. Store at room temperature away from direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Technical Protective Measures

No special measures required

Exposure Limits

Resin and Hardener: none

Respiratory Protection

Not normally necessary. Work in well-ventilated area

Hand Protection

Wear suitable gloves.

Eye Protection

Wear suitable goggles or face protection

Skin Protection

Wear overalls and closed footwear

9. PHYSICAL AND CHEMICAL PROPERTIES

Both resin and hardener components are pastes.

The Flash points of the liquid content of both the resin and hardener components are in excess of 100 °C.

10. STABILITY AND REACTIVITY

Above 200 °C. Thermal Decomposition Temperature:

Materials to avoid: Strong acids and alkalis and strong oxidising agents.

Hazardous Decomposition Products: If the materials are involved in a fire hazardous oxides of

carbon or nitrogenor other hazardous vapours may be

released.

11. TOXICOLOGICAL INFORMATION

Bisphenol F epichlorohydrin resin MW<700 LD50: Oral 23800mg/kg (rat) Dermal >2000mg/kg (rabbit)

Isophoronediamine (2855-13-2) LD50: Oral 1303mg/kg (rat)



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Dermal 1840mg/kg (rabbit)

Skin Sensitisation in Guinea pigs: Liquid constituents of both resin and

Hardener may cause sensitisation by

skin contact

Skin and Eye irritation tested on rabbits: The liquid constituent of resin component: Irritant.

The liquid constituent of hardener: Corrosive.

12. ECOLOGICAL INFORMATION

Prevent contamination of soil, drains or surface water. No other specific information available.

13. DISPOSAL CONSIDERATIONS

Incineration or landfill in accordance with local regulations.

Contaminated packaging material should be disposed of identically to the product itself.

For easy disposal any unmixed resin and hardener can be mixed and allowed to cure.

Once fully cured weber.color epoxy can be disposed of as normal household waste.

Uncontaminated packaging material should be treated as household waste or as recycling material.

14. TRANSPORT INFORMATION

Resin Component:

UN No.3082 Environmentally hazardous liquid n.o.s. (epoxy resin) Class 9

Hardener Component:

RID/ADR: Class 8

IMDG-Code: Class 8 IATA: Class 8 Packing Group: III

UN No.: 2735 Amines, corrosive, liquid n.o.s

(TOFA/tetraethylenepentamine/Isophoronediamine)

Flash Point: >100 °C.

15. REGULATORY INFORMATION

Resin Component

Symbol: Xi, Irritant

Contains: Bisphenol A/F Resin with Av. MW < 700. Contains epoxy constituents.

See information supplied by the manufacturer.

R Phrases:

R36/38 Irritating to eyes and skin

R43 May cause sensitisation by skin contact

R51/53 Toxic to aquatic organisms, may cause long-term adverse effect in the aquatic environment

S 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 plenty of soap and water

S37 Wear suitable gloves

Hardener Component

Symbol: C, Corrosive

Contains: TOFA (10-30%) CAS No. 68953-36-6, tetraethylenepentamine (<10%) CAS No. 112-57-2 and 3-

aminomethyl-3,5,5-trimethylcyclohexylamine (<10%) CAS No. 2855-13-2

R34 Causes burns

R43 May cause sensitisation by skin contact.

S Phrases:

S24 Avoid contact with skin.



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S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

S28 After contact with skin, wash immediately with plenty of soap and water.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

In case of accident or if you feel unwell, seek medical advice immediately (show label where S45

possible).

16. OTHER INFORMATION

The information supplied by the manufacturer on epoxy constituents in contained within this data sheet.

This safety sheet has been prepared in accordance with the provisions of the EC SDS Directive 91/155.