MATERIAL SAFETY DATA

EDITION: 5 DATE: OCTOBER 2012

1. PRODUCT

NAME: **weber.tec EP tack coat**

Chemical Nature

A two-component liquid coating on a Bisphenol A/F epoxy resin, a modified cycloapliphatic polyamine hardener

Manufacturer

weber sbd
Saint-Gobain Weber Limited
Dickens House
Enterprise Way
Flitwick
Bedford.
MK45 5BY.

EMERGENCY TELEPHONE NUMBER. 08703 330070

2. COMPOSITION

Resin component contains a mixture of bisphenol A and bisphenol F epichlorhydrin epoxy resins with Av. MW ≤ 700. Contains epoxy constituents. See information supplied by the manufacturer.

Hardener component contains:
Benzyl alcohol (30-60%) CAS No. 100-51-6
1,2-cyclohexanediamine (10-30%) CAS No. 694-83-7
Nonylphenol (10-30%) CAS No. 25154-52-3

3. HAZARDS IDENTIFICATION

Resin Component

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

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

C, N R Phrases: 20/22, 34, 43, 51/53. 62, 63

Harmful by inhalation and if swallowed

Causes burns
May cause sensitisation by skin contact
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Possible risk of impaired fertility.
Possible risk of harm to the unborn child.

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

Burning produces carbon and nitrogen oxides.
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.

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

Handling

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

Storage

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

Provide readily accessible eye wash stations and safety showers.
Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

Exposure Limits

Resin and Hardener: none

Respiratory Protection

Not normally necessary. **Work in well-ventilated area**. In case of insufficient ventilation, wear appropriate respiratory equipment.

Hand Protection

Wear suitable gloves (nitrile rubber).

Eye Protection

Wear suitable goggles or face protection

Skin Protection

Wear overalls and closed footwear

9. PHYSICAL AND CHEMICAL PROPERTIES

Resin is low viscosity liquid at ambient temperature. Hardener is similar in viscosity to water.

The Flash points of both the resin and hardener components are in excess of 100^{o}C.

10. STABILITY AND REACTIVITY

Thermal Decomposition Temperature:	Above 200^{o}C.
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 nitrogen or other hazardous vapours may be released.

11. TOXICOLOGICAL INFORMATION

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

Benzyl alcohol
LD50: Oral 1610mg/kg (rat)

	Dermal 2000mg/kg (rabbit)
LC50/4h	Inhalative >1000mg/l (rat)

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: Resin component: Irritant.
Hardener component: Corrosive.

Hardener component LD50 oral, rat: 2000mg/kg

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.
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
Keep from freezing
UN No.: 2375 Amines, liquid, corrosive (1,2-cyclohexanediamine/nonylphenol)
Flash Point: >100^{o}C.

15. REGULATORY INFORMATION

Resin Component

Symbol: Xi (Irritant) & N (Dangerous for the environment)
Contains: A mixture of bisphenol A and bisphenol F epichlorhydrin epoxy resins with Av. MW ≤ 700 and benzyl alcohol (<10%) CAS No. 100-51-6. 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:
S24/25 Avoid contact with skin and eyes
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
S37/39	Wear suitable gloves and eye/face protection.

Hardener Component

Symbol:	C, Corrosive
Contains:	Benzyl alcohol (30-60%) CAS No. 100-51-6 1,2-cyclohexanediamine (10-30%) CAS No. 694-83-7 Nonylphenol (10-30%) CAS No. 25154-52-3

R Phrases:

R20/22	Harmful by inhalation and if swallowed.
R34	Causes burns
R43	May cause sensitisation by inhalation and skin contact
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R62	Possible risk of impaired fertility
R63	Possible risk of harm to the unborn child

S Phrases:

S23	Do not breathe fumes
S24	Avoid contact with skin
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.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)
S61	Avoid release to the environment. Refer to special safety instructions/safety data sheet

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.