



MATERIAL SAFETY DATA

EDITION: 3 DATE: March 2007

1. PRODUCT

NAME: **weber.tec PU sealcoat** (hardac pu seal coat)

Chemical Nature

A two-component sealer coat consisting of a resin component of polyester polyol in organic solvent and a hardener component of aliphatic isocyanate in solvent

Manufacturer

Weber

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

EMERGENCY TELEPHONE NUMBER. 08703 330070

2. COMPOSITION

Resin Component:

Contains methoxy propyl acetate CAS No. 108-65-6 (50%), xylene (mixer isomers) CAS No. 1330-20-7 (10%) and ethyl benzene CAS No. 100-41-4(2%) and inert fillers (38%)

EEC Symbol: Xi R Phrases: 10 &c 36

Hardener component:

Contains hexamethylene diisocyanate CAS No. 822-06-0 (0.5%), xylene CAS No. 1330-20-7 (10.25%), ethylbenzene CAS No. 100-41-4 (4.25%), methoxyl propyl acetate CAS No. 108-65-6 (17%) and aliphatic polyisocyanate (68%)CAS No. 28182-81-2

EEC Symbol: Xn R Phrases: 10, 20/21 & 43

3. HAZARDS IDENTIFICATION

Resin Component:

Irritating to eyes
Flammable

Hardener component:

Harmful by inhalation and in contact with skin
Flammable

May cause sensitisation by skin contact

SKIN CONTACT:	Remove contaminated clothing. Wash affected area immediately with plenty of soap and water. If irritation persists, seek medical attention
EYE CONTACT:	Rinse immediately with plenty of water. Continue for 15 minutes. Seek medical attention
INHALATION:	Remove casualty to fresh air. Seek medical attention
INGESTION:	If patient is conscious, immediately rinse mouth with water and give half a pint of water to drink. Do not induce vomiting. Seek immediate medical attention

5. FIRE FIGHTING MEASURES

Suitable Extinguishers: Powder, foam, carbon dioxide

Exposure hazards

Harmful gases and vapours may be generated. Fire-fighters should wear self-contained breathing apparatus, PVC boots, gloves and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid contact with eyes and skin. Wear eye/face protection, impervious gloves and protective clothing. Use only in well ventilated areas

Environmental Precautions

Remove sources of ignition. Do not allow product to enter watercourses or drains

Methods for Cleaning

Ensure adequate ventilation. Take up with inert absorbent material (e.g. sand). Dispose of contaminated material according to local regulations. Do not seal containers for absorbent dampened with hardener waste, as this waste will produce carbon dioxide gas.

7. HANDLING AND STORAGE

Handling

Ensure good ventilation. Avoid contact with skin and eyes.

Storage

Store in original container, tightly sealed. Store in cool, dry conditions. For the hardener component particularly, avoid contact with moisture, copper, copper alloy or galvanised surfaces.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Technical Protective Measures

None

Exposure Limits

Occupational Exposure Limits

Methoxy propyl acetate 50ppm/275mg/m³ (8hr TWA)

Xylene 100ppm/435mg/m³ (8hr TWA), STEL 150ppm/650mg/m³ (15 min)

Maximum Exposure Limits

Isocyanates, all (as –NCO), 0.02mg/m³ (8hr TWA), STEL 0.07mg/m³ (15min)

Respiratory Protection

Ensure adequate ventilation. Respiratory equipment with organic vapour cartridge masks and positive air supply in poorly ventilated areas

Hand Protection

Impervious gloves (heavy duty PVC, butyl or nitrile rubber or neoprene)

Eye Protection

Goggles/safety glasses/face shield

Skin Protection

Overalls and closed footwear

9. PHYSICAL AND CHEMICAL PROPERTIES

Resin

Appearance:	Yellow liquid
Boiling Point:	>100oC
Flash Point	>50oC
Solvent Content:	<45%

Hardener

Appearance:	Yellowish liquid
Boiling point:	145oC
Flash Point:	38oC
Auto ignition temperature:	460oC
Solvent content:	25%

10. STABILITY AND REACTIVITY

Stable under normal room temperature conditions. Avoid high temperatures.

Resin: Avoid strong oxidising agents and acids

Hardener: Avoid water, acids, alcohols, amines and bases

11. TOXICOLOGICAL INFORMATION

Resin: Irritating to eyes and mildly irritating to skin. Vapour irritating to eyes and respiratory tract.

Hardener: Vapour, aerosol and liquid irritating to skin and eyes.

12. ECOLOGICAL INFORMATION

Do not allow to enter drains or watercourses

13. DISPOSAL CONSIDERATIONS

Must be disposed of as hazardous waste according to local regulations

14. TRANSPORT INFORMATION

Resin Component

RID:	Resin solution class 3
ADR:	Resin solution class 3 I
MDG-Code:	Resin solution class 3
IATA:	Resin solution class 3
Packing group:	III Un
No.	1866

15. REGULATORY INFORMATION

Resin Component

Symbol:	Xi Irritant
Contains:	Contains methoxy propyl acetate CAS No. 108-65-6 (50%), xylene (mixer isomers) CAS No. 1330-20-7 (10%) and ethyl benzene CAS No. 100-41-4(2%)

R Phrases:	
R10	Flammable R36 Irritating to eyes

S Phrases	
S25	Avoid contact with eyes
S37/39	Wear suitable gloves and eye/face protection

Hardener Component

Symbol:	Xn Harmful
Contains:	Contains hexamethylene diisocyanate CAS No. 822-06-0 (0.5%), xylene CAS No. 1330-20-7 (10.25%), ethylbenzene CAS No. 100-41-4 (4.25%), methoxyl propyl acetate CAS No. 108-65-6 (17%) and aliphatic polyisocyanate (68%)CAS No. 28182-81-2 Contains isocyanates. See information supplied by the manufacturer

R Phrases:	
R10	Flammable
R20/21	Harmful by inhalation and in contact with skin
R43	May cause sensitisation by skin contact

S Phrases

S24

Avoid contact with skin

S37/39

Wear suitable gloves and eye/face protection

S51

Use only in well ventilated areas

16. OTHER INFORMATION

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

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