



MATERIAL SAFETY DATA

EDITION: 9 DATE: January 2011

1. PRODUCT

NAME: **weber.tec solvent no. 5**

Chemical Nature

A solution of a small quantity of an anionic detergent in a solvent blend of low boiling point naphtha, xylene and 1,2,4-trimethyl benzene

Manufacturer

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

EMERGENCY TELEPHONE NUMBER. 08703 330070

2. HAZARDS IDENTIFICATION

Flammable
Harmful by inhalation and in contact with skin
Harmful: may cause lung damage if swallowed
Irritating to eyes, respiratory system and skin
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

3. COMPOSITION

A solution of a small quantity of an anionic detergent in a solvent blend of low boiling point naphtha, xylene and 1,2,4-trimethyl benzene

Contains:

Solvent naphtha (petroleum), light aromatic; low boiling point naphtha	CAS No. 64742-95-6 (30-60%)
Xylene	CAS No. 1330-20-7 (10-30%)
1,2,4-trimethylbenzene	CAS No. 95-63-6 (10-30%)
Mesitylene	CAS No. 108-67-8 (5-20%)
Ethylbenzene	CAS No. 100-41-4 (1-5%)
Propylbenzene	CAS No. 103-65-1 (0.1-0.5%)
Toluene	CAS No. 108-88-3 (<0.1%)
Cumene	CAS No. 98-82-8 (<0.1%)

EEC Symbol: Xn, N R Phrases: 10, 20/21, 36/37/38, 51/53, 65, 67

*R45 does not apply to this material under Note N of the Approved Supply List

4. FIRST AID MEASURES

- SKIN CONTACT:** Remove contaminated clothing. Immediately wash skin with plenty of soap and water. If discomfort continues, seek medical attention
- EYE CONTACT:** Immediately wash eyes with plenty of water, while lifting the eyelids, for at least 15 minutes. Ensure contact lenses are removed before rinsing eyes. If discomfort continues seek medical attention
- INHALATION:** Immediately remove affected person to fresh air. Place in recovery position and ensure breathing. Seek medical attention
- INGESTION:** If person affected conscious, give plenty of water to drink. Seek medical attention immediately. Do not induce vomiting. If affected person is unconscious or there is a risk of unconsciousness, place and transport the victim in a secured side position. Do not give the victim anything to drink if they are unconscious. Seek medical attention immediately.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishers: Water fog or mist, foam, carbon dioxide or dry chemical
Stop flow of material to fire.

Exposure hazards

Avoid breathing fire vapours. Use water to keep fire exposed containers cool and disperse vapours. Keep run-off water out of drains and watercourses.

This product is flammable and heating may generate vapours which may form explosive vapour/air mixtures. The vapours are heavier than air and may spread near ground to sources of ignition.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Eliminate all ignition sources. Avoid sparks, flames, heat and smoking. Ensure adequate ventilation. Wear suitable protective clothing (including respiratory protection during removal of spillages in a confined area). (see Section 8)

Environmental Precautions

Prevent contamination of soil, drains and surface water

Methods for Cleaning

Absorb onto vermiculite, dry sand or earth and place into sealable containers ready for disposal. Contaminated absorbent must be disposed of in accordance with Hazardous Waste Regulations

7. HANDLING AND STORAGE

Handling

Eliminate all sources of ignition. Keep away from heat, sparks and open flame. Avoid inhalation of vapours.

If it is necessary to pump the product, pump at no greater than 7metres per second. Avoid static build up by suitable earthing arrangements.

Storage

Avoid sources of ignition. Keep away from heat, sparks and open flame. Keep in a cool, dry, ventilated storage area in original, sealed, undamaged containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Technical Protective Measures

Must not be handled in a confined space without sufficient ventilation

Exposure Limits

	Long Term	Short Term
Xylene (WEL)	50ppm (Sk) 220mg/m ³ (Sk)	100ppm (Sk) 441mg/m ³ (Sk)
1,2,4-trimethylbenzene (WEL)	25ppm 125mg/m ³	No std No std
Mesitylene (EU)	20ppm	No std
Ethylbenzene (WEL)	100ppm (Sk) 441mg/m ³ (Sk)	125ppm (Sk) 552mg/m ³ (Sk)
Toluene (WEL)	50ppm (Sk) 191mg/m ³ (Sk)	150ppm (Sk) 574mg/m ³ (Sk)
Cumene (WEL)	25ppm (Sk) 125mg/m ³ (Sk)	50ppm (Sk) 250mg/m ³ (Sk)

Respiratory Protection

Ensure adequate ventilation. Respiratory protection must be used if the general level exceeds the recommended WEL

Hand Protection

Wear suitable gloves (chemical resistant, impermeable)

Eye Protection

Wear suitable goggles or eye/face protection

Skin Protection

Wear overalls and closed footwear

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colourless liquid
Odour: aromatic
Flash point: 35°C
Auto ignition: 480°C

10. STABILITY AND REACTIVITY

Avoid heat, sparks or flames
Avoid excessive heat for prolonged periods of time. Avoid exposure to high temperatures and direct sunlight.
Avoid strong oxidising agents

Hazardous decomposition products:
By fire toxic gases (CO, CO₂, NO_x) may be formed

11. TOXICOLOGICAL INFORMATION

No specific information available

Irritating to respiratory system, skin and eyes. Harmful: may cause lung damage if swallowed.

12. ECOLOGICAL INFORMATION

Dangerous for the environment if discharged into water courses.

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

The product is expected to be slowly biodegradable

13. DISPOSAL CONSIDERATIONS

This material must be disposed of in accordance with local or national regulations via an Authorised Waste Disposal Company.

14. TRANSPORT INFORMATION

UN No.: 1268
RID/ADR: Class 3, packing group III
IMDG-code: Class 3, packing group III
IATA: Class 3, packing group III
Flammable liquid
Flash point: 35°C
Proper shipping name: Petroleum distillates, N.O.S., or Petroleum products, N.O.S (Xylene, 1,2,4-trimethylbenzene)

15. REGULATORY INFORMATION

Symbol: Xn, Harmful & N, Dangerous for the Environment

Contains: Low boiling point naphtha (CAS No. 64742-95-6), 1,2,4-trimethylbenzene (CAS No. 95-63-6), Xylene (CAS No. 1330-20-7) and mesitylene (CAS No. 108-67-8)

R Phrases:

R10 Flammable
R20/21 Harmful by inhalation and in contact with skin

R36/37/38 Irritating to eyes, respiratory system and skin
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65 Harmful: may cause lung damage if swallowed

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
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection
S51 Use only in well-ventilated areas
S57 Use appropriate containment to avoid environmental contamination
S60 This material and its container must be disposed of as hazardous waste
S61 Avoid release to the environment. Refer to special instructions/safety data sheet
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

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.