

SCSC - PVC-U CONDUIT SOLVENT CEMENT

Description:

Gap filling solvent cement for jointing PVC-U pip and fittings, by creating a chemical bond.

Cure Time:

Set 10-15 minutes. Full cure 48 hours, temperature 0-40°C

Standards:

to BS4346: Part 3



SCSC

1. COMPOSITION/INFORMATION ON INGREDIENTS

PVC resin solution with rheological additives

Component	Content (%)	R-Phrases	CAS No.	EINECS No
Cyclohexanone	1-10	F, Xn, R11, R20	108-94-1	203-631-1
Tetrahydrofuran	30-70	F, Xi, R11, R36, R37	109-99-9	203-726-8

2. HAZARDS IDENTIFICATION

Highly flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapour may cause drowsiness. Breathing the vapour of the product for a long period can produce narcosis. Keep away from flames, sparks and fire.

3. FIRST AID MEASURES

- INHALATION : Move the exposed person to fresh air at once. Get medical attention.
- INGESTION : DO NOT INDUCE VOMITING. Get medical attention immediately.
- SKIN : Dry skin with paper towel or similar. DO NOT use solvents. Clean skin using resin removing cream or hand cleanser. Finally wash with soap and water
- EYES : Rinse the eyes with water immediately. Get medical attention.

4. FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA : Stop flow of material to fire. Use sand or earth. Fire can be extinguished using foam powder. Do not use water.
- HAZARDOUS COMBUSTION : Fire or high temperature creates toxic gases/vapours/fumes like carbon monoxide. Avoid inhaling fume. Use mask for protection of respiratory tract.

5. ACCIDENTAL RELEASE MEASURES

- Personal Safety : Use mask, gloves and protective clothing.
- Environmental Precaution : Limit the leakage with earth and sand. Eliminate all unguarded flame and possible source of ignition. Do not smoke.
- Cleaning Method : Absorb with liquid binding material and put it in a close container. Take it to dumping ground and dump according to local regulation.

6. HANDLING AND STORAGE

- Handling : Ensure good ventilation. Keep away from source of ignition. Product should be handled in accordance with good industrial safety and hygiene practices.
- Storage : Sealed containers should be stored between 5°C and 38°C.

7. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Control

Skin absorption

Component	Std	PEL	LT (ppm)	LT(mg/m3)	ST(ppm)	ST(mg/m3)
Cyclohexanone	WEL	TWA	10		20	
Tetrahydrofuran	WEL	TWA	50	150	100	300

Personal Protection

- Respiratory : Industrial Mask, when applying.
- Hand : Industrial Gloves, if risk of skin contact.
- Eye : Industrial Goggles, if risk of splashing.
- Skin : Standard Industrial Overalls, if risk of splashing.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Appearance	Clear thin syrup liquid
Odour	Organic solvent
Boiling Point	66-156°C
Flash Point	Lower than 21°C
Water Solubility	None
Density	0.93 kg/litre
Vapour Density (Air=1)	>2
Vapour Pressure	129 mm Hg @ 20°C based on THF
Evaporation Rate (BUAC=1)	>1
Percent Volatile by Volume	75-85%
Solubility	Solvents=Soluble /Resin=Separates out
Flammable Units (percent by volume)	75-85%

9. STABILITY & REACTIVITY

Conditions to avoid

Avoid accumulating electrostatic charge, heat sparks and flames.

Substance to avoid

Avoid contact with combustible materials and strong oxidizing substances.

Hazardous decomposition products

May catch fire on contact with oxidizing mineral acids.

10. TOXICOLOGICAL INFORMATION

Inhalation

Narcosis by breathing great quantities.

Ingestion

Harmful/Toxic

Skin/Eye Contact

Absorption through skin possible Irritant to eyes.

11. ECOLOGICAL INFORMATION

Ecotoxicity

Not classified as dangerous to environment. Adopt sound working practices so that the product is not released into the environment.

Volatile Organic Compound (VOC) content is 420 grams/litre.

12. DISPOSAL INFORMATION

Disposal of waste must be treated according to local or national regulations.

13. TRANSPORT INFORMATION

Proper Shipping Name	Adhesives		
UN No.	1133	Class No.	3
Hazard No. (ADR)	33	EAC	3YE
ADR Class	3	Packing Group (ADR III)	
Road/Rail (ADR/RID)	Class 3.5b	Air ITATA (DGR)	UN 113 class 3
Maritime Transport (IMDG)	Code n 1133 class 3 page 3174	Marine Pollutant	No
HS Code	350691009013		

14. REGULATORY INFORMATION

Symbols/Labelling

Xi	Irritant
F	Highly flammable

Classification/Phrases

R-Phrases

R 11	Highly flammable
R 19	May form explosive peroxides
R 20	Harmful by inhalation
R 36/37	Irritating to eyes and respiratory system.

S-Phrases

S 2	Keep out of the reach of children
S 9	Keep container in well-ventilated place
S 16	Keep away from sources of ignition-No smoking
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S 46	If swallowed, seek medical advice immediately and show this container or label

15. OTHER INFORMATION

The information provided in this safety data sheet is based on the present state of our knowledge. This data is intended to enable safety assessment to be made and should not be construed as guaranteeing specific properties. Users are recommended to consult technical data sheet for advice on specific applications.