

STELMAX

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Safety data sheet

Identification of preparation:

Adhesive 1985

Composition/Information:

Tetrahydrofuran <75%

Hazards Identification:

Highly flammable solution, may form explosive peroxides. Solution irritating to eyes and respiratory system.

First Aid Measures

Eye Contact:

Irritant. In case of contact, irrigate immediately with plenty of water and seek medical aid.

Skin Contact:

May irritate. It may be absorbed through the skin causing systemic effects. If spilled on skin, wipe off excess and wash with soap and water.

Inhalation:

Irritant. May cause narcosis and systemic effects. Avoid high concentrations, ventilate area well. If effected by vapour, move to fresh air and seek medical aid if symptoms persist.

Ingestion:

In case of ingestion, wash out mouth with water and, give plenty of water to drink. Do not induce vomiting. Seek medical attention immediately. If unconscious, turn on side.

Fire Fighting Measures

Extinguishing Media:

Alcohol resistant foam, dry chemical or vaporising liquid. Earth/sand for small fires.

Unsuitable extinguishing media:

Water Jet.

Fire and Explosive Hazards/Harmful Combustion Prods:

The vapours form readily ignitable and explosive mixtures with air at normal temperatures. The vapour is heavier than air and may travel along the ground, hence distant ignition is possible. Incomplete combustion may generate toxic fumes of carbon monoxide. May form organic peroxides.

Special Fire Fighting Procedures:

Keep containers cool with water spray. Self contained breathing apparatus and protective clothing should be worn (see exposure control).

Accident Release Measures

Eye Protection:

Solvent resistant goggles if risk of splashing.

Skin protection:

Solvent resistant gloves neoprene or nitrile rubber. Impervious boots and polycotton overall.

Ventilation:

Good local.

Respiratory Protection:

Vapour respirator if no ventilation.

Spillage or Leak Procedures:

Absorb on sand or earth. Extinguish all sources of ignition. Ventilate area. Do not allow to enter drains. Evacuate personnel from the area.

Handling and Storage:

Wear appropriate protective clothing (see exposure controls). Avoid all sources of ignition. no Smoking. keep containers tightly closed. Store in a cool, dry, well ventilated area, away from incompatible chemicals or materials (see stability and reactivity).

Exposure Controls/Personal Protection**Occupational exposure limit EH 40/99**

Component	LTEL	STEL
Tetrahydrofuran	100 ppm	200 ppm SK (can be absorbed through skin)

Personal Protection:

Avoid inhaling vapour. Avoid contact with skin and eyes. Eye baths should be provided in places where exposure may be possible. Wear chemical resistant goggles, solvent resistant gloves (neoprene or nitrile rubber), impervious boots and polycotton overalls. if high vapour concentrations are present, self contained breathing apparatus, or full face respirator with organic vapour cartridge NPF 20. Ensure good ventilation.

Physical and Chemical Properties:

Appearance/Odour Viscous solution of PVC resins in tetrahydrofuran solvent with characteristic ethereal odour.

pH N/A

Boiling Point 65 – 67 oC

Melting Point N/A **Flash Point** -27oC

Flammable/Explosive Limits LEL 1.8% (v/v)

UEL 11.8% (v/v)

Auto Flammability 324oC

Oxidizing Properties None

Vapour Pressure N/A

Specific Gravity 0.9

Water Solubility Solvent is miscible

Volatile content by weight <75%

Stability and Reactivity:

Avoid contact or storage with oxidising agents (peroxides, nitrates etc.).

Toxicological Information:

Irritating to eyes and respiratory tract, may cause systemic effects: narcosis, nausea, headaches and vomiting. It may be absorbed through the skin causing systemic effects. Avoid exposure to vapour.

Ecological Information:

Mobility N/A

Biodegradability N/A

Bioaccumulation N/A

Aquatic Toxicity N/A

Disposal Considerations:

According to local regulations for flammable substances.

Transport Information

Carriage Classification: Flammable liquid

ADR/RID: 3

U.N.No: 1133

Packing Group: II

IMO Class: 3.1

Hazchem code: 3(Y)E

Regulatory Information

Classification: Highly Flammable, Irritant

Symbols: F, Xi

Risk Phrases: R11: Highly Flammable. R19: May form explosive peroxides.
R36/37: Irritating to eyes and respiratory system.

Safety Phrases: S16: Keep away from sources of ignition – no smoking. S29: Do not empty into drains. S33: Take precautionary measures against static discharge.

Other Information

N/A: Not applicable

Issued: 21 October 1999

Revision Number: 3

Issued By:

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