



## 1985 Adhesive 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 affected 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 & EXPLOSION HAZARDS / HARMFUL COMBUSTION PRODS.** The vapours readily form 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).

### ACCIDENTAL RELEASE MEASURES

**EYE PROTECTION** Goggles if risk of splashing.

**SKIN PROTECTION** Solvent resistant gloves neoprene or nitrile rubber.

**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.

### HANDLING & STORAGE

Avoid all sources of ignition, sparks, flames, electrical equipment, arc lights, static discharges etc.

No smoking.

Keep containers tightly dosed, away from oxidizing agents.

Store at moderate room temperature in closed containers.

### EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMIT EH 40/2001

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 & CHEMICAL PROPERTIES**

APPEARANCE / ODOUR Viscous solution of PVC resins in Tetrahydrofuran solvent with characteristic ethereal odour.

pH N/A.

BOILING POINT" 65 - 67 °C

MELTING POINT N/A

FLASH POINT -27°C

FLAMMABLE / EXPLOSIVE LIMITS LEL 1.8 % (v/v) UEL 11.8 % (v/v)

AUTO FLAMMABILITY 324°C

OXIDIZING PROPERTIES None

VAPOUR PRESSURE N/A

SPECIFIC GRAVITY 0.9

WATER SOLUBILITY Solvent is miscible.

VOLATILE CONTENT BY WEIGHT <75%

STABILITY & 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

BIOACCUMULATION N/A

BIODEGRADABILITY 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 3ME

## **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 discharges.