



**6: ACCIDENTAL RELEASE MEASURES**

Personal precautions	Ensure adequate ventilation. Use personal protective equipment.
Environmental precautions	Do not let product enter drains. Prevent further leakage or spillage.
Methods for cleaning up	Soak up with inert absorbent material and dispose of as hazardous waste. After cleaning, flush away traces with water.

**7: HANDLING AND STORAGE****Handling -**

Avoid contact with eyes. Ensure adequate ventilation or exhaust ventilation in the working area.

**Storage -**

Keep containers tightly close in a dry, cool and well-ventilated place. Keep away from food, beverages.

**8: EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure limit(s)**

Carbontetrachloride WEL 8-hr limit ppm: 2

WEL 15 min limit ppm: -

WEL 8-hr limitmg/m3: 13

WEL 15min limitmg/m3: -

Methacrylicacid WEL 8-hr limit ppm: 20

WEL 15 min limit ppm: 40

WEL 8-hr limit mg/m3: 72

WEL 15min limitmg/m3: 143

Methylmethacrylate WEL 8-hr limit ppm: 50

WEL 15 min limit ppm: 100

WEL 8-hr limit mg/m3: 208

WEL 15min limitmg/m3: 416

**Engineering measures -** Ensure adequate ventilation, especially in confined areas.

**Respiratory protection -** Self-contained breathing apparatus must be used in handling.

**Hand protection -** PVC or other plastic material gloves.

**Eye protection -** Goggles.

**Skin and body protection -** Wear chemical protective clothing.

**9: PHYSICAL AND CHEMICAL PROPERTIES**

Boiling point	213°C
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**10: STABILITY AND REACTIVITY**

Stable under normal conditions.

**11: TOXICOLOGICAL INFORMATION**

Primary irritation - Causes burns.

**12: ECOLOGICAL INFORMATION**

Ecotoxicity effects Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations.

**14: TRANSPORT INFORMATION****ADR/RID**

UN-No1133 PackinggroupII

Class3 HazardID33

Proper shipping name ADHESIVES

**IMDG-Code**

UN-No1133 PackinggroupII

Class3 Marinepollutant.

EmSF-ES-D

**IATA-DGR**

UN-No1133 PackinggroupII

Class3 Sub-risks-

Packinginstruction307 Maximumquantity60L

(cargoaircraft)

Packinginstruction305 Maximumquantity5L

**15: REGULATORY INFORMATION**

Labelling - Labelling in accordance to 88/379/EEC. The product is classified and labelled in accordance with EC directives/the relevant national laws. Special labelling for certain precautions (Annex III to 88/379/EEC).

Symbols - T-TOXIC, C - CORROSIVE, N - DANGEROUS FOR THE ENVIRONMENT

R-Phrases - R23 - Causes severe burns.  
 R40 - Limited evidence of a carcinogenic effect  
 R43 - May cause sensitisation by skin contact  
 R48/23 - Toxic : danger of serious damage to health by prolonged exposure through inhalation  
 R59 - Dangerous for the ozone layer

S-Phrases - S24 - Avoid contact with skin  
 S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
 S28 - After contact with skin, wash immediately with plenty of water and seek medical advice  
 S36/37/39 - Wear suitable protective clothing, gloves and eye protection  
 S45 - In case of accident or if you feel unwell, seek medical advice immediately  
 S59 - Refer to manufacturer/supplier for information on recovery / recycling.  
 S63 - In case of accident by inhalation - Remove casualty to fresh air and keep at rest.

**16: OTHER INFORMATION**

Text of R phrases mentioned in Section 2

R21/22 Harmful in contact with skin and if swallowed.

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R35 Causes severe burns.

R36/37/38 Irritating to eyes, respiratory system and skin.

R40 Limited evidence of a carcinogenic effect.

R43 May cause sensitization by skin contact.

R48/23 Toxic: danger of serious damage to health by prolonged exposure through Inhalation.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R59 Dangerous for the ozone layer.

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health & safety legislation.

The provisions of the Health & Safety at work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

PRECAUTIONS: This product and the auxiliary materials normally

combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.