



**PERMA SEEL SOLVENT**

**7 HANDLING AND STORAGE**

**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Container must be kept tightly closed. Use explosion proof electric equipment.

**STORAGE PRECAUTIONS**

Keep away from heat, sparks and open flame. Keep containers tightly closed. Keep in original container.

**STORAGE CLASS**

Flammable liquid storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
ACETONE	WEL	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

**RESPIRATORY EQUIPMENT**

Respiratory protection must be used if air contamination exceeds acceptable level.

**HAND PROTECTION**

Use protective gloves.

**EYE PROTECTION**

Wear splash-proof eye goggles to prevent any possibility of eye contact.

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

**HYGIENE MEASURES**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Clear Liquid	RELATIVE DENSITY	.990-1.000 @ 20 °c
COLOUR	Colourless	VAPOUR PRESSURE	@ °c
ODOUR	Aromatic. Hydrocarbon	VOLATILE BY VOL. (%)	100
VOLATILITY DESCRIPTION	Volatile.	FLAMMABILITY LIMIT - LOWER(%)	1
SOLUBILITY	Slightly soluble in water.		
BOILING POINT (°C)	66-68 760 mm Hg		
VAPOUR DENSITY (air=1)	>1		
EVAPORATION RATE	>1 BuAc=1		
FLASH POINT (°C)	<23 CC (Closed cup).		
FLAMMABILITY LIMIT - UPPER(%)	13		

**10 STABILITY AND REACTIVITY**

**STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid contact with strong reducing agents.

**MATERIALS TO AVOID**

Acids, oxidising.

**PERMA SEEL SOLVENT**

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

**11 TOXICOLOGICAL INFORMATION**

HEALTH WARNINGS

INHALATION. May cause irritation to the respiratory system. SKIN CONTACT. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. EYE CONTACT. May cause severe irritation to eyes. INGESTION. May cause stomach pain or vomiting.

**12 ECOLOGICAL INFORMATION**

ECOTOXICITY

Not known.

**13 DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**



UK ROAD CLASS	3		
PROPER SHIPPING NAME	FLAMMABLE LIQUID, N.O.S. (1-Chloro-4-Trifluoromethyl Benzene, ACETONE)		
UN NO. ROAD	1993	UK ROAD PACK GR.	II
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	II	HAZARD No. (ADR)	33
ADR LABEL NO.	3	HAZCHEM CODE	3YE
CEFIC TEC(R) NO.	30GF1-I+II, 30GF1-sp	RID CLASS NO.	3
RID PACK GROUP	II	UN NO. SEA	1993
IMDG CLASS	3	IMDG PAGE NO.	3
IMDG PACK GR.	II	EMS	F-E, S-E
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	1993	AIR CLASS	3
AIR PACK GR.	II		

**15 REGULATORY INFORMATION**

LABELLING



Harmful



Highly Flammable

CONTAINS

1-Chloro-4-Trifluoromethyl Benzene

RISK PHRASES

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R11	Highly flammable.
R36	Irritating to eyes.

SAFETY PHRASES

S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.

