



## GRAFFITI REMOVER LIQUID - AEROSOL

### INHALATION

In case of inhalation of spray mist: Move person into fresh air and keep at rest. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

### INGESTION

Immediately rinse mouth and provide fresh air. DO NOT induce vomiting. Get medical attention immediately.

### SKIN CONTACT

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. DO NOT use solvents or thinners

### EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide, dry powder or water fog.

### SPECIAL FIRE FIGHTING PROCEDURES

Water spray should be used to cool containers. Use water to keep fire exposed containers cool and disperse vapours. Warn firefighters that aerosols are involved.

### UNUSUAL FIRE & EXPLOSION HAZARDS

Extremely flammable. Forms explosive mixtures with air. May travel considerable distance to source of ignition and flash back. Aerosol cans may explode in a fire.

### SPECIFIC HAZARDS

Aerosol containers can explode when heated, due to excessive pressure build-up.

### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection. Avoid inhalation of vapours and aerosol spray.

### ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Contain spillages with sand, earth or any suitable adsorbent material.

### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb spillage with non-combustible, absorbent material. Let evaporate. Keep out of confined spaces because of explosion risk.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Do not spray near naked flame or any incandescent material.

### STORAGE PRECAUTIONS

Extremely flammable. Keep away from heat, sparks and open flame. Store at moderate temperatures in dry, well ventilated area. Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Do not pierce or burn even after use.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### GRAFFITI REMOVER LIQUID - AEROSOL

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
1-METHOXY-2-PROPANOL	WEL	100 ppm(Sk)	375 mg/m3(Sk)	150 ppm(Sk)	560 mg/m3(Sk)	
2-BUTOXYETHANOL	WEL	25 ppm(Sk)		50 ppm(Sk)		
ACETONE	WEL	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3	
BUTANE	WEL	600 ppm	1450 mg/m3	750 ppm	1810 mg/m3	
BUTYL ACETATE -norm	WEL	150 ppm	724 mg/m3	200 ppm	966 mg/m3	
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	

WEL = Workplace Exposure Limit.

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits SUP = Supplier's recommendation.

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of spray.

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used.

**HAND PROTECTION**

Due to the packaging form, aerosol, risk of skin contact is small. For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

**EYE PROTECTION**

Use eye protection. Wear approved chemical safety goggles where eye exposure is reasonably probable.

**OTHER PROTECTION**

Wear appropriate clothing to prevent reasonably probable skin contact.

**HYGIENE MEASURES**

Wash hands after handling. Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

**PERSONAL PROTECTION**

When using do not smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Aerosol		
COLOUR	Colourless		
ODOUR	of solvents		
SOLUBILITY	partially miscible		
RELATIVE DENSITY	0.9 approx @ 20 C	VAPOUR DENSITY (air=1)	heavier than air
FLASH POINT (°C)	-20 CC (Closed cup).		

**10 STABILITY AND REACTIVITY**

**STABILITY**

Avoid: Heat, sparks, flames.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

## GRAFFITI REMOVER LIQUID - AEROSOL

### HAZARDOUS DECOMPOSITION PRODUCTS

By fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

## 11 TOXICOLOGICAL INFORMATION

### GENERAL INFORMATION

Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

### INHALATION

In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Unconsciousness and possible death. Gas or vapour in high concentrations may irritate respiratory system.

### SKIN CONTACT

Repeated exposure may cause skin dryness or cracking.

### EYE CONTACT

Irritating to eyes. Spray and vapour in the eyes may cause irritation and smarting.

### HEALTH WARNINGS

Arrhythmia, (deviation from normal heart beat). Irritating to eyes. Gas or vapour may irritate respiratory system.

### ROUTE OF ENTRY

Inhalation.

### TARGET ORGANS

Central nervous system. Respiratory system, lungs.

### MEDICAL SYMPTOMS

Arrhythmia, (deviation from normal heart beat). Narcotic effect. Vapours may cause drowsiness and dizziness. Skin irritation. Irritation of eyes and mucous membranes.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

The product has not been tested but contains ingredients which are toxic or very toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment. During normal use the volatility of the components and the packaging form, pressurised container, make entry into the aquatic environment unlikely, however, do not empty or discharge into drains or watercourses. Ensure container is empty before disposal to prevent contents entering watercourses.

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

Do not puncture or incinerate even when empty.

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Make sure containers are empty before discarding (explosion risk). **DO NOT BURN OR INCINERATE CONTAINERS EVEN WHEN EMPTY - CONTAINERS MAY BURST OR EXPLODE VIOLENTLY IF EXPOSED TO EXTREME HEAT.**

## 14 TRANSPORT INFORMATION

### GENERAL

This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG.



UK ROAD CLASS

2, 5F

PROPER SHIPPING NAME

AEROSOL DISPENSERS NOS

UN NO. ROAD

1950

UK ROAD PACK GR.

n/a

## GRAFFITI REMOVER LIQUID - AEROSOL

ADR CLASS NO.	2, 5F	ADR CLASS	Class 2.1: Flammable gases.
ADR PACK GROUP	N/A	TUNNEL RESTRICTION CODE	(E)
ADR LABEL NO.	2.1	CEPIC TEC(R) NO.	20G5F
UN NO. SEA	1950	IMDG CLASS	2
IMDG PAGE NO.	2102	IMDG PACK GR.	n/a
EMS	F-D, S-U	MFAG	see guide
UN NO. AIR	1950	AIR CLASS	2
AIR SUB CLASS	2.1		

### 15 REGULATORY INFORMATION

#### LABELLING



Irritant



Extremely Flammable

#### RISK PHRASES

R12	Extremely flammable.
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.

#### SAFETY PHRASES

S2	Keep out of the reach of children
S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour/spray.
S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51	Use only in well-ventilated areas.
S56	Dispose of this material and its container to hazardous or special waste collection point.

#### UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations.

#### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

#### STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health. The Aerosol Dispensers Regulations 1977 & 1999.

#### APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. British Aerosol Manufacturers Code of Practice 7th. Edition 1999.

#### GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

#### NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. The Aerosol Dispensers (EEC Requirements)(Amendment) Regulations 1996 (SI 1996 No 2421).

### 16 OTHER INFORMATION

#### REVISION COMMENTS

Issued in new format for Reach compliance Issued in compliance with 30th & 31st ATP to Council Directive 67/548, as detailed in Commission Directive 2004/73/EC (1st ATP of EC Regulation 1272/2008)

### GRAFFITI REMOVER LIQUID - AEROSOL

ISSUED BY

Technical Dept. (P.E.)

REVISION DATE 22/12/2009

REV. NO./REPL. SDS GENERATED 2

SDS NO. 10765

SAFETY DATA SHEET STATUS

Approved.

DATE Date printed \_\_\_\_\_

SIGNATURE Initials \_\_\_\_\_

RISK PHRASES IN FULL

- R10 Flammable.
- R11 Highly flammable.
- R12 Extremely flammable.
- R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
- R36 Irritating to eyes.
- R36/38 Irritating to eyes and skin.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

#### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.