

PLASTIC SAFE GRAFFITI REMOVER

K175

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Code K175

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Product Name PLASTIC SAFE GRAFFITI REMOVER

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2 HAZARDS IDENTIFICATION

 R12 Extremely flammable., R36/38 Irritating to eyes and skin.
 PRESSURISED CONTAINER - increase in temperature to greater than 50C will cause internal pressure to rise potentially causing bursting/explosion.

Classification Xi;R36/38. F+;R12.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EINICS No.	CAS No.	Content	Classification
1-METHOXY-2-PROPANOL	203-539-1	107-98-2	10 - 30%	R10
3-BUTOXYPROPAN-2-OL	225-878-4	5131-66-8	10 - 30%	Xi;R36/38
ALCOHOL ETHOXYLATE			5 - 10%	Xi;R38,R41.
BUTANE	203-448-7	106-97-8	10 - 30%	F+;R12

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION	Move the exposed person to fresh air at once., Keep the affected person warm and at rest. Get prompt medical attention., For breathing difficulties oxygen may be necessary.
INGESTION	Rinse mouth thoroughly., Drink plenty of water., Get medical attention.
SKIN CONTACT	Wash the skin immediately with soap and water., Get medical attention if any discomfort continues.
EYE CONTACT	Spray in the eyes., Promptly wash eyes with plenty of water while lifting the eye lids., Continue to rinse for at least 15 minutes., Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	Use:, Powder., Dry chemicals, sand, dolomite etc., Water spray, fog or mist.
SPECIAL FIRE FIGHTING PROCEDURES	Containers close to fire should be removed or cooled with water., Use water to keep fire exposed containers cool and disperse vapours.
UNUSUAL FIRE & EXPLOSION HAZARDS	Aerosol cans may explode in a fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Wear necessary protective equipment., Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate., If leakage cannot be stopped, evacuate area.
ENVIRONMENTAL PRECAUTIONS	Any spillage needs to be contained and not allowed to enter water courses

7 HANDLING AND STORAGE

USAGE PRECAUTIONS	Keep away from heat, sparks and open flame., Avoid spilling, skin and eye contact., Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
USAGE DESCRIPTION	Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
1-METHOXY-2-PROPANOL		100 ppm(Sk)	150 ppm(Sk)	560 mg/m3(Sk)
BUTANE	WEL	600 ppm	750 ppm	1810 mg/m3

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES	Provide adequate general and local exhaust ventilation.
HAND PROTECTION	Use protective gloves.
EYE PROTECTION	Wear approved safety goggles.
OTHER PROTECTION	General workwear only

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol
ODOUR	Characteristic, Solvent.
PHYSICAL DATA COMMENTS	Information given relates to total aerosol container contents.

BULK DENSITY	0.827 kg/l
SOLUBILITY	Miscible with water.
FLASH POINT (°C)	- 74
AUTO IGNITION TEMPERATURE (°C)	+ 405
FLAMMABILITY LIMIT - LOWER(%)	1.8
FLAMMABILITY LIMIT - UPPER(%)	10.0

10 STABILITY AND REACTIVITY

STABILITY	Stable under normal temperature conditions.
CONDITIONS TO AVOID	Avoid heat, flames and other sources of ignition.
HAZARDOUS DECOMPOSITION PRODUCTS	Fire creates:, Vapours/gases/fumes of:, Carbon monoxide (CO), Carbon dioxide (CO ₂).

11 TOXICOLOGICAL INFORMATION

INHALATION	May cause irritation to the respiratory system., Vapours may cause headache, fatigue, dizziness and nausea., Prolonged inhalation of high concentrations may damage respiratory system.
SKIN CONTACT	Irritating to skin.
EYE CONTACT	Irritation of eyes and mucous membranes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY	Not classed as Hazardous to the Environment but release to the environment should be avoided.
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13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	Empty containers must not be burned because of explosion hazard., Dispose of waste and residues in accordance with local authority requirements.
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14 TRANSPORT INFORMATION

UN NO. ROAD	1950
UK ROAD CLASS	2
ADR CLASS NO.	2
ADR CLASS	Class 2: Gases
PROPER SHIPPING NAME	AEROSOLS, FLAMMABLE
UN NO. SEA	1950
IMDG CLASS	2.1
UN NO. AIR	1950
AIR CLASS	2.1

15 REGULATORY INFORMATION

LABELLING	 
RISK PHRASES	Irritant (Xi) Extremely Flammable (F+) R12 Extremely flammable., R36/38 Irritating to eyes and skin.
SAFETY PHRASES	S16 Keep away from sources of ignition - No smoking., S23 Do not breathe vapour/spray., S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice., S37/39 Wear suitable gloves and eye/face protection., S51 Use only in well-ventilated areas., S2 Keep out of the reach of children
STATUTORY INSTRUMENTS	Control of Substances Hazardous to Health., Chemicals (Hazard Information and Packaging) Regulations.
APPROVED CODE OF PRACTICE	Classification and Labelling of Substances and Preparations Dangerous for Supply.
GUIDANCE NOTES	Workplace Exposure Limits EH40., Introduction to Local Exhaust Ventilation HS(G)37., CHIP for everyone HSG(108).

16 OTHER INFORMATION

GENERAL INFORMATION	The following risk phrases relate to the raw materials in the product and not the product itself:-
REVISION DATE	07/06/2006
REV. NO./REPL. SDS GENERATED	2
RISK PHRASES IN FULL	R12 Extremely flammable. R36/38 Irritating to eyes and skin. R10 Flammable. R38 Irritating to skin., R41 Risk of serious damage to eyes.