

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name **PLASTIC SAFE GRAFFITI REMOVER**  
 Product No. **K175**

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses plastic safe graffiti remover for solvent sensitive surfaces

### 1.3. Details of the supplier of the safety data sheet

Selden Research Limited t : 01298 26226  
 Staden Lane f : 01298 26540  
 Ashbourne Road e : safety@selden.co.uk  
 Buxton  
 Derbyshire  
 SK17 9RZ  
 United Kingdom

### 1.4. Emergency telephone number

01298 26226

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification (67/548/EEC) Xi;R36/38. F+;R12.

### 2.2. Label elements

Labelling



Extremely Flammable



Irritant (Xi)

Risk Phrases 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.

### 2.3. Other hazards

PRESSURISED CONTAINER - increase in temperature to greater than 50C will cause internal pressure to rise potentially causing bursting/explosion.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not Applicable

### 3.2. Mixtures

1-METHOXY-2-PROPANOL		10-30%
CAS-No.: 107-98-2	EEC (EINECS) No. 203-539-1	
Classification (EC 1272/2008)		Classification (67/548/EEC)
Flammable liquids, category 3 - H226		R10
3-BUTOXYPROPAN-2-OL		10-30%
CAS-No.: 5131-66-8	EEC (EINECS) No. 225-878-4	
Classification (EC 1272/2008)		Classification (67/548/EEC)

Eye irritation, category 2 - H319 Skin irritation, category 2 - H315		Xi;R36/38
ALCOHOL ETHOXYLATE		5-10%
CAS-No.:	EEC (EINECS) No.	
Classification (EC 1272/2008) Acute toxicity, category 4 - Oral - H302 Serious eye damage, category 1 - H318		Classification (67/548/EEC) Xn;R22 Xi;R41
BUTANE		10-30%
CAS-No.: 106-97-8	EEC (EINECS) No. 203-448-7	
Classification (EC 1272/2008) Flammable liquids, category 1 - H224		Classification (67/548/EEC) F+;R12

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information

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.

### 4.2. Most important symptoms and effects, both acute and delayed

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.
Ingestion	May cause burns in mucous membranes, throat, oesophagus and stomach., May cause stomach pain or vomiting.
Skin contact	Irritating to skin.
Eye contact	Irritation of eyes and mucous membranes.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat Symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Extinguishing media Use:., Powder., Dry chemicals, sand, dolomite etc., Water spray, fog or mist.

### 5.2. Special hazards arising from the substance or mixture

Unsuitable extinguishing media

### 5.3. Advice for firefighters

Special Fire Fighting Procedures Self contained breathing apparatus and full protective clothing must be worn in case of fire. Containers close to fire should be removed or cooled with water., Use water to keep fire exposed containers cool and disperse vapours.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8.

### 6.2. Environmental precautions

Any spillage needs to be contained and not allowed to enter water courses

### 6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment., Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate., If leakage cannot be stopped, evacuate area.

## 6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

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.

### 7.2. Conditions for safe storage, including any incompatibilities

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

### 7.3. Specific end use(s)

See product label for detailed usage and instructions.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
1-METHOXY-2-PROPANOL		100 ppm(Sk)357 mg/m3(Sk)	150 ppm(Sk)560 mg/m3(Sk)	
BUTANE	WEL	600 ppm1450 mg/m3	750 ppm1810 mg/m3	

WEL = Workplace Exposure Limits

### 8.2. Exposure controls

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

Hygiene measures

DO NOT SMOKE IN WORK AREA!

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Odour	Characteristic., Solvent.
Comments	Information given relates to total aerosol container contents.
Flash point (°C)	- 74
Auto Ignition Temperature (°C)	+ 405
Flammability Limit - Upper(%)	1.8
Flammability Limit - Lower(%)	10.0

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Stable under normal temperature conditions.

### 10.2. Chemical stability

Stable under normal temperature conditions.



UN No. (IMDG) 1950  
 UN No. (ICAO) 1950

#### 14.2. UN proper shipping name

Proper Shipping Name: AEROSOLS, FLAMMABLE

#### 14.3. Transport hazard class(es)

ADR/RID/ADN Class 2  
 ADR/RID/ADN Class Class 2: Gases  
 IMDG Class 2.1  
 ICAO Class/Division 2.1  
 Transport Labels Not Applicable

#### 14.4. Packing group

#### 14.5. Environmental hazards

Environmentally Hazardous substance/Marine Pollutant No

#### 14.6. Special precautions for user

Tunnel Restriction Code n/a

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

### SECTION 15: REGULATORY INFORMATION

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

UK Regulatory References	The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.
Environmental Listing	Rivers (Prevention of Pollution) Act 1961., Control of Pollution (Special Waste Regulations) Act 1980.
Statutory Instruments	Control of Substances Hazardous to Health., The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
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). System of specific information relating to Dangerous Preparations. 2001/58/EC., Dangerous Preparations Directive 1999/45/EC., Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments., Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
EU Legislation	
National Regulations	The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007).

#### 15.2. Chemical Safety Assessment

No chemical assessment has been carried out as this Safety Data Sheet is for a mixture

### SECTION 16: OTHER INFORMATION

#### General information

The following risk phrases relate to the raw materials in the product and not the product itself:-

#### Revision Comments

Safety Data Sheet revised to be in accordance with EU Regulation No 453/2010 - REACH Regulations.

Revision Date 07/06/2006

Revision 2

Risk Phrases In Full R12 Extremely flammable. | R36/38 Irritating to eyes and skin. | R10 Flammable. | R41 Risk of serious damage to eyes., R22 Harmful if swallowed. |

Hazard Statements In Full	H224	Extremely flammable liquid and vapour.
	H226	Flammable liquid and vapour.
	H302	Harmful if swallowed.
	H315	Causes skin irritation.
	H318	Causes serious eye damage.
	H319	Causes serious eye irritation.