



## SAFETY DATA SHEET

GRAFFITI REMOVER

Page 1  
Issued: 08/08/2003  
Revision No: 1

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

**Product name:** GRAFFITI REMOVER  
**Product code:** 43138  
**Company name:** ROCOL Site Safety Systems  
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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** N-METHYL-2-PYRROLIDONE 30-50%  
EINECS: 212-828-1 CAS: 872-50-4  
[Xi] R36/38

- DIMETHYL ETHER 10-30%  
EINECS: 204-065-8 CAS: 115-10-6  
[F+] R12

### 3. HAZARDS IDENTIFICATION

**Main hazards:** Extremely flammable. Irritating to eyes and skin.

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be irritation and redness at the site of contact.  
**Eye contact:** There may be irritation and redness. The eyes may water profusely.  
**Ingestion:** There may be soreness and redness of the mouth and throat.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.  
**Eye contact:** Bathe the eye with running water for 15 minutes. Obtain medical attention if soreness or redness persists.  
**Ingestion:** Wash out mouth with water. Consult a doctor.  
**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention if you feel unwell.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Carbon dioxide. Dry chemical powder. Use water spray to cool containers.  
**Exposure hazards:** In combustion emits toxic fumes.  
**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel.  
**Environmental precautions:** Do not discharge into drains or rivers.  
**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

[cont...]

**7. HANDLING AND STORAGE**

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space.

**Storage conditions:** Store in cool, well ventilated area. Keep away from sources of ignition.

**Suitable packaging:** Must only be kept in original packaging.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Hazardous ingredients:** N-METHYL-2-PYRROLIDONE  
TWA (8 hr exposure limit): 103 mg/m<sup>3</sup> STEL (15 min exposure limit): 309 mg/m<sup>3</sup> (OES)

- DIMETHYL ETHER  
TWA (8 hr exposure limit): 766 mg/m<sup>3</sup> STEL (15 min exposure limit): 958 mg/m<sup>3</sup> (OES)

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses with side-shields. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Aerosol

**Colour:** Colourless

**Odour:** Characteristic odour

**Evaporation rate:** Moderate

**Solubility in water:** Miscible

**Flash point°C:** -30

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat. Sources of ignition.

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes.

**11. TOXICOLOGICAL INFORMATION**

**Hazardous ingredients:** N-METHYL-2-PYRROLIDONE  
ORL MUS LD50 5130 mg/kg  
ORL RAT LD50 7 gm/kg  
SCU RAT LD50 >2 gm/kg

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**12. ECOLOGICAL INFORMATION**

**Bioaccumulative potential:** No data available.

**Other adverse effects:** No data available.

**13. DISPOSAL CONSIDERATIONS**

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION****ADR / RID**

**UN no:** 1950

**ADR Class:** 2

**Classification code:** 5F

**Shipping name:** AEROSOLS

**Labelling:** 2.1



**IMDG / IMO**

<b>UN no:</b> 1950	<b>Class:</b> 2
<b>EmS:</b> F-D,S-U	<b>Marine pollutant:</b> .
<b>Labelling:</b> 2.1	

**IATA / ICAO**

<b>UN no:</b> 1950	<b>Class:</b> 2
<b>Labelling:</b> 2.1	

**15. REGULATORY INFORMATION**

**Hazard symbols:** Extremely flammable.  
Irritant.



**Risk phrases:** R12: Extremely flammable.  
R36/38: Irritating to eyes and skin.

**Safety phrases:** S23: Do not breathe spray.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S35: This material and its container must be disposed of in a safe way.  
S37/39: Wear suitable gloves and eye / face protection.  
S51: Use only in well-ventilated areas.

**Precautionary phrases:** Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.  
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

**Other information:** EC Directive 1999/45/EC relating to the classification, packaging and labelling of dangerous preparations. EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to dangerous preparations. EC Directive 94/1/EC adapting some technicalities of Council Directive 75/324/EEC on the approximation of the laws of Member States relating to aerosol dispensers.

**Risk phrases used in s.2:** R36/38: Irritating to eyes and skin.  
R12: Extremely flammable.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.