



## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

# SHADOW GRAFFITI REMOVER

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Revision 04

Revision date 2016-03-14

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name SHADOW GRAFFITI REMOVER

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

Company Smart Graffiti Ireland  
Address Apple View, Trim Road, Kildalkey, Co. Meath, C15 W702, Ireland  
Web www.smartgraffiti.eu  
Telephone +353 (0)86 8111187  
Fax +N/A  
Email sales@smartgraffiti.eu

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC C; R35 Xn; R20/21/22-65 R10-52/53  
Symbols: C: Corrosive.  
Main hazards Flammable. Harmful by inhalation, in contact with skin and if swallowed. Causes severe burns. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Ethanol	603-002-00-5	64-17-5	200-578-6			F; R11
Methanol	603-001-00-X	67-56-1	200-659-6			F; R11 T; R23/24/25-39/23/24/25
White Spirit		64742-82-1	265-185-4			
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5			C; R35
Xylene (Xylene, o-,m-,p-or mixed isomers)	601-022-00-9	1330-20-7	215-535-7			R10 Xn; R20/21 Xi; R38
Alcohols C9-11, ethoxylated		68439-45-2				Xn; R22 Xi; R41

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation Irritating to respiratory system. Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention.

Eye contact Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

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## 4.1. Description of first aid measures

Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

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

Burning produces irritating, toxic and obnoxious fumes.

## 5.3. Advice for firefighters

Wear: Self-contained breathing apparatus.

## SECTION 6: Accidental release measures

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

Ensure adequate ventilation of the working area. Wear suitable protective equipment.

## 6.2. Environmental precautions

Prevent further spillage if safe. Do not allow product to enter drains. Do not flush into surface water. Advise local authorities if large spills cannot be contained.

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

Contain with sand or granules.

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

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

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.


## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

Ethanol	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 1920 WEL 15 min limit mg/m3: -
Methanol	WEL 8-hr limit ppm: 200 WEL 15 min limit ppm: 250	WEL 8-hr limit mg/m3: 266 WEL 15 min limit mg/m3: 333
Sodium hydroxide	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: 2
Xylene (Xylene, o-,m-,p-or mixed isomers)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100	WEL 8-hr limit mg/m3: 220 WEL 15 min limit mg/m3: 441

## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	
	Ensure adequate ventilation of the working area.

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## 8.2. Exposure controls

8.2.2. Individual protection measures	Adopt best Manual Handling considerations when handling, carrying and dispensing.
Eye / face protection	Face shield.
Skin protection - Handprotection	Nitrile rubber gloves.
Respiratory protection	Wear suitable respiratory equipment when necessary.
8.2.3. Environmental exposure controls	No data is available on this product.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Brown
Odour	Characteristic
pH	13 - 14
Flash point	25
Relative density	0.9 - 1 (Water = 1 @ 20 °C)
Solubility	Slightly soluble in water

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	Acids.
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## SECTION 11: Toxicological information

## 11.1.4. Toxicological Information

	No data is available on this product.
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## SECTION 12: Ecological information

## 12.1. Toxicity

	No data is available on this product.
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## SECTION 13: Disposal considerations

## General information

	Dispose of in compliance with all local and national regulations.
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## SECTION 14: Transport information

## Hazard pictograms

Hazard pictograms	
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## 14.1. UN number

	UN2920
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## 14.2. UN proper shipping name

Proper Shipping Name	CORROSIVE LIQUID, FLAMMABLE, N.O.S. (contains Sodium Hydroxide & Ethanol)
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## 14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary risk	3

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

IMDG	8
Subsidiary risk	3
IATA	8
Subsidiary risk	3

**14.4. Packing group**

Packing group	II
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**14.5. Environmental hazards**

Environmental hazards	No
Marine pollutant	No

**ADR/RID**

Hazard ID	83
Tunnel Category	D/E





**IMDG**

EmS Code	F-E S-C
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**IATA**

Packing Instruction (Cargo)	855
Maximum quantity	30 L
Packing Instruction (Passenger)	851
Maximum quantity	1 L

**SECTION 15: Regulatory information****Labelling**

<b>Symbols</b>	<b>Health Hazard</b> <b>Flammable</b> <b>Corrosive</b> <b>Harmful</b>    
<b>Risk phrases</b>	R10 - Flammable. R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R35 - Causes severe burns. R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed.
<b>Safety phrases</b>	S1/2 - Keep locked up and out of the reach of children. S13 - Keep away from food, drink and animal feedingstuffs. S25 - Avoid contact with eyes. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of water. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S46 - If swallowed, seek medical advice immediately and show this container or label. S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**SECTION 16: Other information****Other information**

<b>Revision</b>	This document differs from the previous version in the following areas: 6 - 6.3. Methods and material for containment and cleaning up.
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**Other information****Text of risk phrases in Section 3**

R10 - Flammable  
R11 - Highly flammable.  
R20/21 - Harmful by inhalation and in contact with skin.  
R22 - Harmful if swallowed.  
R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.  
R35 - Causes severe burns.  
R38 - Irritating to skin.  
R39/23/24/25 - Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.  
R41 - Risk of serious damage to eyes.  
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 - Harmful: may cause lung damage if swallowed.  
R66 - Repeated exposure may cause skin dryness or cracking.

**Further information**

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process. This version replaces all previous versions.