

# COO-VAR®

## PAINTS, PRIMERS AND SPECIALISED COATINGS

### SAFETY DATA SHEET

#### 206/Q607 - GRAFFITI REMOVER - AEROSOL

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

##### 1.1. Product identifier

**Product name** 206/Q607 - GRAFFITI REMOVER - AEROSOL  
**Product number** 206/Q607/1

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

**Identified uses** Cleaning agent.

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

**Supplier** COO-VAR  
 Lockwood Street  
 Hull  
 HU2 0HN  
 +44 (0) 1482 328053(T)  
 +44 (0) 1482 219266(F)  
 info@coo-var.co.uk

**Contact person** Technical Department -, 08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri, as above

##### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 1482 328053 (08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri)

**SDS No.** 10765

#### SECTION 2: Hazards identification

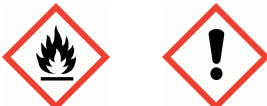
##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Aerosol 1 - H222, H229  
**Health hazards** Eye Irrit. 2 - H319 STOT SE 3 - H336  
**Environmental hazards** Not Classified

##### 2.2. Label elements

###### Pictogram



**Signal word** Danger

**Hazard statements** H222 Extremely flammable aerosol.  
 H229 Pressurised container: may burst if heated.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.

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<b>Precautionary statements</b>	<p>P102 Keep out of reach of children.</p> <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211 Do not spray on an open flame or other ignition source.</p> <p>P251 Do not pierce or burn, even after use.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Contains</b>	1-METHOXY-2-PROPANOL, HYDROCARBONS, C9-C11, <2% AROMATICS
<b>Supplementary precautionary statements</b>	<p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p>
<b>Detergent Labelling</b>	>= aliphatic hydrocarbons. < 5% non-ionic surfactants

**2.3. Other hazards**

This product does not contain any substances classified as PBT or vPvB. In use may form flammable/explosive vapour-air mixture.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

<b>1-METHOXY-2-PROPANOL</b>	<b>30-60%</b>
CAS number: 107-98-2	EC number: 203-539-1
	REACH registration number: 01-2119457435-35-0000
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	R10 R67
STOT SE 3 - H336	
<b>PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS</b>	<b>10-30%</b>
CAS number: 68476-85-7	EC number: 270-704-2
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Gas 1 - H220	F+;R12 Carc. Cat. 1;R45 Muta. Cat. 2;R46
Press. Gas (Liq.) - H280	
<b>HYDROCARBONS, C9-C11, &lt;2% AROMATICS</b>	<b>10-30%</b>
CAS number: —	EC number: 919-857-5
	REACH registration number: 01-2119463258-33-XXXX
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	Xn;R65. R10,R66,R67.
STOT SE 3 - H336	
Asp. Tox. 1 - H304	

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<b>Dimethyl succinate</b>			<b>1-5%</b>
CAS number: 106-65-0	EC number: 203-419-9	REACH registration number: 01-2119486681-29-0000	
<b>Classification</b>			
Eye Irrit. 2 - H319			
<b>C9-C11 Alcohol ethoxylate</b>			
CAS number: 68439-46-3			<b>1-5%</b>
<b>Classification</b>		<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Acute Tox. 4 - H302		Xn;R22. Xi;R41.	
Eye Dam. 1 - H318			

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

**Composition comments** CAS 68476-65-7 Petroleum gases - as a substance contains less than 0.1%w/w 1,3-butadiene the fully harmonised classification regarding Muta. 1B H340 and Carc. 1A H350 does not apply.

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>General information</b>	Move affected person to fresh air at once.
<b>Inhalation</b>	Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention if irritation persists after washing.

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

<b>General information</b>	Get medical attention promptly if symptoms occur after washing.
<b>Inhalation</b>	Vapours may cause drowsiness and dizziness.
<b>Ingestion</b>	Drowsiness, dizziness, disorientation, vertigo.
<b>Skin contact</b>	Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	May cause severe eye irritation.

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

**Notes for the doctor** No specific recommendations.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	Water spray, foam, dry powder or carbon dioxide.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Specific hazards</b>	Pressurised container: Must not be exposed to temperatures above 50 °C. May explode when heated or when exposed to flames or sparks. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.
<b>Hazardous combustion products</b>	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Use water spray to reduce vapours. Containers can burst violently or explode when heated, due to excessive pressure build-up. Cool aerosol containers exposed to heat with water spray and remove container, if no risk involved.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Ensure suitable respiratory protection is worn during removal of spillages in confined areas.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid discharge into drains.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Absorb in vermiculite, dry sand or earth and place into containers. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see Section 13. See Section 11 for additional information on health hazards.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Avoid inhalation of vapours and spray mists. Do not spray near naked flame or any incandescent material. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.
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### 7.2. Conditions for safe storage, including any incompatibilities

<b>Storage precautions</b>	Extremely flammable. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn even after use.
<b>Storage class</b>	Extremely Flammable Aerosol.

### 7.3. Specific end use(s)

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
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## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### 1-METHOXY-2-PROPANOL

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Long-term exposure limit (8-hour TWA): WEL 100 ppm 375 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 150 ppm 560 mg/m<sup>3</sup>

Sk

### PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

### Ingredient comments

SUP = Supplier's recommendation.

### 1-METHOXY-2-PROPANOL (CAS: 107-98-2)

#### DNEL

Workers - Inhalation; Short term local effects: 553.5 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 183 mg/kg/day

Workers - Inhalation; Long term systemic effects: 369 mg/m<sup>3</sup>

Consumer - Dermal; Long term systemic effects: 78 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 43.9 mg/m<sup>3</sup>

Consumer - Oral; Long term systemic effects: 33 mg/kg/day

#### PNEC

- Fresh water; 10 mg/l

- Marine water; 1 mg/l

- Intermittent release; 100 mg/l

- STP; 100 mg/l

- Sediment (Freshwater); 52.3 mg/kg

- Sediment (Marinewater); 5.2 mg/kg

- Soil; 4.59 mg/kg

### HYDROCARBONS, C9-C11, <2% AROMATICS

#### DNEL

Consumer - Oral; Long term systemic effects: 300 mg/kg/day

Industry - Inhalation; Long term systemic effects: 1500 mg/m<sup>3</sup>

Industry - Dermal; Long term systemic effects: 300 mg/kg/day

Consumer - Dermal; Long term systemic effects: 300 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 900 mg/m<sup>3</sup>

#### PNEC

No PNEC available. Substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for the risk assessment of this complex substance.

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

### Personal protection

When using do not smoke.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

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<b>Hand protection</b>	To protect hands from chemicals, gloves should comply with European Standards EN388 and 374. As a general principle, exposure should be managed by means other than the provision of protective gloves. Manufacturer's performance data suggest that the optimum glove for use should be: Butyl rubber. Thickness: > 0.3 mm Permeation breakthrough time according to EN374 - class: (1-6) e.g. minimum 480 mins. Caution: The performance of gloves under actual working conditions can be significantly affected by many factors and the information provided according to EN374 may not accord with what is achieved in practice. We recommend that expert professional advice is sought that takes into account of the work processes and working environment applicable for each task where gloves are to be worn.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent reasonably probable skin contact.
<b>Hygiene measures</b>	When using do not eat, drink or smoke. Wash promptly if skin becomes contaminated.
<b>Respiratory protection</b>	No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. If ventilation is inadequate, suitable respiratory protection must be worn. It is recommended to use respiratory equipment with combination filter, type A2/P2.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Aerosol containing a mixture of active ingredients, solvents and propellants.
<b>Colour</b>	White / off-white.
<b>Odour</b>	Organic solvents.
<b>Odour threshold</b>	Not available.
<b>pH</b>	No information available.
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	< -40°C
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Flammability (solid, gas)</b>	Extremely flammable aerosol.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 1.8% Upper flammable/explosive limit: 9.5%
<b>Other flammability</b>	No information available.
<b>Vapour pressure</b>	No information available.
<b>Relative density</b>	No information available.
<b>Bulk density</b>	No information available.
<b>Solubility(ies)</b>	Slightly soluble in water.
<b>Auto-ignition temperature</b>	410-580°C
<b>Viscosity</b>	No specific test data are available.
<b>Explosive properties</b>	No specific test data are available.
<b>Comments</b>	Information given is applicable to the major ingredient.

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### 9.2. Other information

**Volatile organic compound** This product contains a maximum VOC content of 788 g/l.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Under normal conditions of storage and use, no hazardous reactions will occur. Will not polymerise.

#### 10.4. Conditions to avoid

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

#### 10.5. Incompatible materials

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

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

**ATE oral (mg/kg)** 20,000.0

##### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

##### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

##### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

##### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

##### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

##### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

##### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

##### Aspiration hazard

**Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.

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<b>General information</b>	The product contains small amounts of organic solvents. Extensive use of the product in areas with inadequate ventilation may result in the accumulation of hazardous vapour concentrations.
<b>Inhalation</b>	High exposures may cause an abnormal heart rhythm and prove suddenly fatal. Very high atmospheric concentrations may cause anaesthetic effects and asphyxiation.
<b>Ingestion</b>	May cause soreness and redness of mouth and throat. May cause nausea, headache, dizziness and intoxication.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	Irritating to eyes. Vapour or spray in the eyes may cause irritation and smarting. Repeated exposure may cause chronic eye irritation.
<b>Acute and chronic health hazards</b>	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Irritating to eyes.
<b>Route of exposure</b>	Inhalation Ingestion
<b>Target organs</b>	Central nervous system Skin Respiratory system, lungs
<b>Medical symptoms</b>	Irritation of eyes and mucous membranes.
<b>Toxicological information</b>	
<b>1414</b>	

### SECTION 12: Ecological Information

**Ecotoxicity** The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

#### 12.1. Toxicity

**Toxicity** Not regarded as dangerous for the environment.

#### 12.2. Persistence and degradability

**Persistence and degradability** Biodegradable in part only.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

#### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** Not determined.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Do not puncture or incinerate even when empty.

**Disposal methods** Containers should be thoroughly emptied before disposal because of the risk of an explosion. Do not puncture or incinerate, even when empty. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.



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**Waste class** Empty Aerosol: 15 01 10 (Containing hazardous residues). Full or Partially Empty Aerosol: 16 05 04. Empty Aerosol: 15 01 04 (No hazardous residues).

### SECTION 14: Transport information

**General** This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed and labelled must show the following.

#### 14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS
Proper shipping name (ADN)	AEROSOLS

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

ADR/RID class	2.1
ADR/RID classification code	5F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1

#### Transport labels



#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

#### 14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Tunnel restriction code	(D)

## 206/Q607 - GRAFFITI REMOVER - AEROSOL

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

### SECTION 15: Regulatory information

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

<b>National regulations</b>	The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).
<b>EU legislation</b>	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) (as amended). 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 (as amended).
<b>Authorisations (Title VII Regulation 1907/2006)</b>	No specific authorisations are known for this product.
<b>Restrictions (Title VIII Regulation 1907/2006)</b>	No specific restrictions on use are known for this product.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Revision comments</b>	Issued in new format for Reach compliance in accordance with EC 1272/2008 Issued in accordance with Annex II to REACH, as amended by Commission Regulation (EU) No. 453/2010 Changes to composition information.
<b>Issued by</b>	Technical Dept. (P.E.)
<b>Revision date</b>	27/10/2017
<b>Revision</b>	9
<b>Supersedes date</b>	27/07/2017
<b>SDS number</b>	10765
<b>SDS status</b>	Approved.
<b>Hazard statements in full</b>	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H226 Flammable liquid and vapour. H229 Pressurised container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
<b>Signature</b>	Initials_____

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.