

# COO-VAR®

Paints, Primers and Specialist Coatings

## SAFETY DATA SHEET 207/GP101 - GRAFFITI & FLYPOSTING PROTECTION SYSTEM

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

#### 1.1. Product identifier

**Product name** 207/GP101 - GRAFFITI & FLYPOSTING PROTECTION SYSTEM

**Product number** 207/GP101/1 & 2 - GLOSS & MATT

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

**Identified uses** ANTI-GRAFFITI COATING

#### 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)

### SECTION 2: Hazards identification

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

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

**Physical hazards** Flam. Liq. 3 - H226

**Health hazards** Not Classified

**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** R43. R10,R53,R66.

#### 2.2. Label elements

##### Pictogram



**Signal word** Warning

**Hazard statements** H226 Flammable liquid and vapour.

## 207/GP101 - GRAFFITI & FLYPOSTING PROTECTION SYSTEM

<b>Precautionary statements</b>	<p>P102 Keep out of reach of children.</p> <p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P501A Dispose of contents/container to special waste collection point</p>
<b>Supplemental label information</b>	Contains Amino-Silane. May produce an allergic reaction.
<b>Supplementary precautionary statements</b>	<p>P233 Keep container tightly closed.</p> <p>P240 Ground/ bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical equipment.</p> <p>P242 Use only non-sparking tools.</p> <p>P243 Take precautionary measures against static discharge.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p>

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>LOW AROMATIC WHITE SPIRIT</b>	<b>30-60%</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	
<b>Silane Reaction Product</b>	<b>5-10%</b>
CAS number: 22984-54-9	EC number: 245-366-4
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Skin Irrit. 2 - H315	Xi;R36/38. R43.
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
<b>Amino-Silane</b>	<b>&lt;1%</b>
CAS number: —	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Eye Dam. 1 - H318	Xi;R41. R43,R52/53.
Skin Sens. 1 - H317	
Aquatic Chronic 3 - H412	

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

## 207/GP101 - GRAFFITI & FLYPOSTING PROTECTION SYSTEM

<b>General information</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. Place unconscious person on their side in the recovery position and ensure breathing can take place.
<b>Ingestion</b>	DO NOT induce vomiting. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

<b>General information</b>	Get medical attention promptly if symptoms occur after washing.
----------------------------	---

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

<b>Notes for the doctor</b>	No specific recommendations.
-----------------------------	------------------------------

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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

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

<b>Specific hazards</b>	Toxic gases or vapours. FLAMMABLE. Solvent vapours may form explosive mixtures with air.
<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>	Risk of re-ignition after fire has been extinguished. Cool containers exposed to flames with water until well after the fire is out. Avoid the spillage or runoff entering drains, sewers or watercourses.
<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>	Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Ensure suitable respiratory protection is worn during removal of spillages in confined areas. Exclude non-essential personnel.
-----------------------------	---

### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
----------------------------------	---

## 207/GP101 - GRAFFITI & FLYPOSTING PROTECTION SYSTEM

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

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. Collect and dispose of spillage as indicated in Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Observe any occupational exposure limits for the product or ingredients. Avoid inhalation of vapours and spray/mists. Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Do not eat, drink or smoke when using the product. The Manual Handling Operations Regulations may apply to the handling of containers of this product. To assist employers, the following method of calculating the weight for any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

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

**Storage precautions** Store in closed original container at temperatures between 5°C and 25°C. Keep away from heat, sparks and open flame. Keep container tightly closed. Keep containers upright. Store away from the following materials: Oxidising materials. Alkalis. Acids.

**Storage class** Flammable liquid storage. The storage and use of this product is subject to the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR). The requirements are given in the HSE Approved Code of Practice and Guidance, Storage of Dangerous Substances: DSEAR. Up to 250 litres of liquids with a flashpoint above 32C but below 55C may be kept in a workroom provided they are kept in closed containers in a marked, fire-resisting cupboard or bin. Larger quantities must be kept in a separate , marked storeroom conforming to the structural requirements contained in the HSE guidance note Storage of Flammable Liquids in Containers.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

**Usage description** Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

**Ingredient comments** Methyl Ethyl Ketoxime {Butanone Oxime, CAS 96 29 7 } is a reaction product following hydrolysis of the coating with atmospheric moisture.

### LOW AROMATIC WHITE SPIRIT

## 207/GP101 - GRAFFITI & FLYPOSTING PROTECTION SYSTEM

<b>DNEL</b>	Consumer - Dermal; Long term systemic effects: 300 mg/kg/day 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 - Inhalation; Long term systemic effects: 900 mg/m <sup>3</sup>
<b>PNEC</b>	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 general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

Wear chemical splash goggles.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

#### Other skin and body protection

Wear appropriate clothing to prevent reasonably probable skin contact.

#### Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

#### Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Characteristic. Organic solvents.
<b>Flash point</b>	Above 32°C CC (Closed cup).
<b>Upper/lower flammability or explosive limits</b>	: 0.6 v/v
<b>Vapour pressure</b>	10 (solvent) mbar @ °C
<b>Relative density</b>	0.85 to 0.95 @ @20°C
<b>Solubility(ies)</b>	Immiscible with water
<b>Viscosity</b>	1 to 2 (ICI Cone and Plate) P @ 25°C

#### 9.2. Other information

<b>Volatility</b>	<50
-------------------	-----

## 207/GP101 - GRAFFITI & FLYPOSTING PROTECTION SYSTEM

**Volatile organic compound** This product contains a maximum VOC content of <500 g/litre.

### 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** Not determined.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Acids. Oxidising agents.

#### 10.5. Incompatible materials

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

#### 10.6. Hazardous decomposition products

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

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

**Inhalation** Vapour from this product may be hazardous by inhalation. Vapour may irritate respiratory system/lungs.

**Ingestion** Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

**Skin contact** Product has a defatting effect on skin. Repeated exposure may cause skin dryness or cracking. May cause allergic contact eczema. Prolonged or repeated exposure may cause severe irritation.

**Eye contact** May cause temporary eye irritation.

**Acute and chronic health hazards** This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

**Route of entry** Inhalation Skin absorption. Ingestion. Skin and/or eye contact.

**Medical considerations** Skin disorders and allergies. Avoid vomiting and stomach flushing because of the risk of aspiration.

#### Toxicological information

### 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

#### 12.2. Persistence and degradability

## 207/GP101 - GRAFFITI & FLYPOSTING PROTECTION SYSTEM

**Persistence and degradability** The product is not expected to be biodegradable. The product contains mainly inorganic substances which are not biodegradable. The other substances in the product are expected to be readily biodegradable. Volatile substances are degraded in the atmosphere within a few days.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

### 12.4. Mobility in soil

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** The product contains volatile organic compounds (VOCs) which have a photochemical ozone creation potential.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Avoid the spillage or runoff entering drains, sewers or watercourses.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Waste class** When this coating, in its liquid state, as supplied, becomes a waste, it is categorised as hazardous waste, with code 08 01 11\* (SOLVENT BASED LIQUID WASTE). Part-used containers, not drained and/or rigorously scraped out and containing dried residues of the supplied coating, are categorised as hazardous waste, with code 08 01 11\* (SOLVENT BASED LIQUID WASTE). If mixed with other wastes, the above waste code may not be applicable. Used containers, drained and/or rigorously scraped out and containing dry residues of the supplied coating, are categorised as non-hazardous waste, with code 15 01 02 (plastic packaging) or 15 01 04 (metal packaging). The product reacts with atmospheric moisture over about 4 hours to give an immobile, rubber-like, semi-solid mass.

## SECTION 14: Transport information

**General** This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG.

### 14.1. UN number

**UN No. (ADR/RID)** 1263

**UN No. (IMDG)** 1263

**UN No. (ICAO)** 1263

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** PAINT PRODUCT

**Proper shipping name (IMDG)** PAINT PRODUCT

**Proper shipping name (ICAO)** PAINT PRODUCT

## 207/GP101 - GRAFFITI & FLYPOSTING PROTECTION SYSTEM

Proper shipping name (ADN) PAINT PRODUCT

### 14.3. Transport hazard class(es)

ADR/RID class 3

IMDG class 3

Transport labels



### 14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS F-E, S-E

Tunnel restriction code (D/E)

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

## SECTION 15: Regulatory information

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

**National regulations** The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**EU legislation** 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).

**Guidance** Workplace Exposure Limits EH40.  
CHIP for everyone HSG228.  
Safety Data Sheets for Substances and Preparations.  
Approved Classification and Labelling Guide (Sixth edition) L131.  
Dangerous Substances and Explosive Atmospheres Regulations 2002 [L138]

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information



## 207/GP101 - GRAFFITI & FLYPOSTING PROTECTION SYSTEM

<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>	18/01/2016
<b>Revision</b>	5
<b>Supersedes date</b>	28/05/2015
<b>SDS number</b>	11186
<b>SDS status</b>	Approved.
<b>Signature</b>	Initials _____
<b>Risk phrases in full</b>	R10 Flammable. R21 Harmful in contact with skin. R36/38 Irritating to eyes and skin. R40 Limited evidence of a carcinogenic effect. R41 Risk of serious damage to eyes. R43 May cause sensitisation by skin contact. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R53 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.
<b>Hazard statements in full</b>	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H412 Harmful to aquatic life with long lasting effects.

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.