



**SAFETY DATA SHEET**  
**SPO/C264 - ANTI-CLIMB PAINT - ALL COLOURS**

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

**1.1. Product identifier**

Product name SPO/C264 - ANTI-CLIMB PAINT - ALL COLOURS  
Product No. SPO/C264/ - ALL COLOURS

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

Identified uses As an anti-climb paint

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

Supplier SPECIALIST PAINTS ONLINE  
3 KIRKBY STREET  
HULL  
HU2 0HE  
+44 (0) 1482 222421 (T)  
sales@specialistpaintsonline.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**

+44 (0) 1482 222421 - Specialist Paints Online (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 and Chemical Hazards Flam. Liq. 3 - H226  
Human health Not classified.  
Environment Aquatic Chronic 3 - H412  
Classification (1999/45/EEC) R10, R52/53.

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

**2.2. Label elements**

Label In Accordance With (EC) No. 1272/2008



Signal Word Warning  
Hazard Statements H226 Flammable liquid and vapour.  
H412 Harmful to aquatic life with long lasting effects.  
Precautionary Statements P102 Keep out of reach of children.  
P101 If medical advice is needed, have product container or label at hand.

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P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P501A	Dispose of contents/container to special waste collection point
<b>Supplementary Precautionary Statements</b>	
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+378	In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
P403+235	Store in a well-ventilated place. Keep cool.

**2.3. Other hazards**

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

WHITE SPIRIT	5-10%
CAS-No.: EC No.: 919-446-0	Registration Number: 01-2119458049-33-XXXX
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. N;R51/53. R10,R66,R67.
Carbon Black	1-5%
CAS-No.: 1333-86-4 EC No.: 215-609-9	Registration Number: 01-2119384822-32
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.
ETHANOL	<1%
CAS-No.: 64-17-5 EC No.: 200-578-6	Registration Number: 01-2119457610-43-xxxx
Classification (EC 1272/2008) Flam. Liq. 2 - H225	Classification (67/548/EEC) F;R11
METHANOL	<0.1%
CAS-No.: 67-56-1 EC No.: 200-659-6	
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	Classification (67/548/EEC) F;R11 T;R23/24/25,R39/23/24/25

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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

General first aid, rest, warmth and fresh air. Do not give victim anything to drink if they are unconscious.

Inhalation

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues. Place unconscious person on the side in the recovery position and ensure breathing can take place.

Ingestion

DO NOT induce vomiting. Get medical attention immediately. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes and get medical attention.

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

General information

If adverse symptoms develop as described the casualty should be transferred to hospital as soon as possible.

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

No specific first aid measures noted.

### SECTION 5: FIREFIGHTING MEASURES

#### **5.1. Extinguishing media**

Extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.

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

Unusual Fire & Explosion Hazards

FLAMMABLE. Solvent vapours may form explosive mixtures with air.

Specific hazards

When heated and in case of fire, harmful vapours/gases may be formed.

#### **5.3. Advice for firefighters**

Special Fire Fighting Procedures

Be aware of danger for fire to re-start. Cool containers exposed to flames with water until well after the fire is out. Do not allow runoff to sewer, waterway or ground.

Protective equipment for fire-fighters

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. Do not smoke, use open fire or other sources of ignition. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

#### **6.2. Environmental precautions**

Avoid discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

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

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Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Should be prevented from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

**6.4. Reference to other sections**

For personal protection, see section 8.

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Observe occupational exposure limits and minimise the risk of inhalation of vapours and mist. 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. 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**

Store in closed original container at temperatures between 5°C and 25°C. Keep away from heat, sparks and open flame. Keep containers tightly closed. Keep upright. Store separated from: Oxidising material. 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)**

The identified uses for this product are detailed in Section 1.2.

Usage Description

Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
Carbon Black	WEL		3,5 mg/m <sup>3</sup>		7 mg/m <sup>3</sup>	
ETHANOL	WEL	1000 ppm	1920 mg/m <sup>3</sup>			
METHANOL	WEL	200 ppm(Sk)	266 mg/m <sup>3</sup> (Sk)	250 ppm(Sk)	333 mg/m <sup>3</sup> (Sk)	
WHITE SPIRIT	WEL		350 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

**WHITE SPIRIT**

DNEL					
Consumer	Oral	Long Term	Systemic Effects	1040 mg/kg/day	
Consumer	Dermal	Long Term	Systemic Effects	1040 mg/kg/day	
Consumer	Inhalation.	Long Term	Systemic Effects	710 mg/m <sup>3</sup>	
Consumer	Inhalation.	Short Term	Systemic Effects	570 mg/m <sup>3</sup>	
Industry	Inhalation.	Short Term	Systemic Effects	570 mg/m <sup>3</sup>	
Industry	Inhalation.	Long Term	Systemic Effects	1980 mg/m <sup>3</sup>	
Industry	Dermal	Long Term	Systemic Effects	1056 mg/kg/day	

**8.2. Exposure controls**

Protective equipment

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Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

**Respiratory equipment**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

**Hand protection**

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform 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.

**Eye protection**

Wear splash-proof eye goggles to prevent any possibility of eye contact.

**Other Protection**

Wear appropriate clothing to prevent reasonably probable skin contact.

**Hygiene measures**

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

Appearance	Coloured gel. Grease
Colour	Black. Grey. Green. Red.
Odour	of solvents
Solubility	Insoluble in water
Relative density	0.9 - 1.0 approx. @ 25
Vapour density (air=1)	heavier than air
Viscosity	N/A
Flash point (°C)	47 approx. CC (Closed cup).
Flammability Limit - Lower(%)	0.8

**9.2. Other information**

Volatile Organic Compound (VOC) <65 g/litre

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

No specific reactivity hazards associated with this product.

**10.2. Chemical stability**

Stable under normal temperature conditions and recommended use.

**10.3. Possibility of hazardous reactions**

Not determined.

**10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition. Avoid contact with acids and oxidising substances.

**10.5. Incompatible materials**

Materials To Avoid

Strong alkalis. Strong acids. Strong oxidising substances.

**10.6. Hazardous decomposition products**

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

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

##### Inhalation

Vapour from this chemical can be hazardous when inhaled. Vapour may irritate respiratory system or lungs.

##### Ingestion

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

##### Skin contact

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

##### Eye contact

May cause temporary eye irritation.

##### Health Warnings

This product has low toxicity. Only large volumes may have adverse impact on human health.

##### Route of entry

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

##### Medical Considerations

Skin disorders and allergies. Avoid vomiting and normal rinse of stomach because of risk of aspiration.

#### Toxicological information on ingredients.

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**WHITE SPIRIT**

**Other Health Effects**

This substance has no evidence of carcinogenic properties.

**Acute toxicity:**

Acute Toxicity (Oral LD50)

> 15000 mg/kg Rat

Minimally toxic via ingestion

Acute Toxicity (Dermal LD50)

~ 3400 mg/kg Rabbit

Not corrosive to skin Not irritating

Acute Toxicity (Inhalation LC50)

> 13.1 mg/l (vapours) Rat 4 hours

**Serious eye damage/irritation:**

Not Irritating.

**Respiratory or skin sensitisation:**

Respiratory sensitisation

Not determined.

There is evidence that the material can lead to respiratory hypersensitivity.

Not Sensitising.

**Carcinogenicity:**

Carcinogenicity

NOAEL 300 mg/kg Oral Rat

**Reproductive Toxicity:**

Reproductive Toxicity - Fertility

One-generation study: NOAEL >3000 mg/kg/day Oral Rat P

Reproductive Toxicity - Development

Developmental toxicity: NOAEC >300 ppm Inhalation. Rat

**Specific target organ toxicity - single exposure:**

Target Organs

Central nervous system

**Specific target organ toxicity - repeated exposure:**

STOT - Repeated exposure

NOAEL 1056 mg/kg Oral Rat

**Aspiration hazard:**

Viscosity

Kinematic viscosity <= 20.5 mm<sup>2</sup>/s.

Inhalation

No specific health warnings noted.

Ingestion

Harmful: may cause lung damage if swallowed. May cause stomach pain or vomiting.

Skin contact

May cause defatting of the skin, but is not an irritant. Not a skin sensitiser.

Eye contact

No specific health warnings noted.

Route of entry

Skin and/or eye contact. Inhalation.

Central nervous system

**SPO/C264 - ANTI-CLIMB PAINT - ALL COLOURS****SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicity**

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

**12.1. Toxicity**Ecological information on ingredients.**WHITE SPIRIT**

Dangerous for the environment if discharged into watercourses Toxic to aquatic organisms

LC 50, 96 Hrs, Fish mg/l

10 - 30

EC 50, 48 Hrs, Daphnia, mg/l

10 - 22

IC 50, 72 Hrs, Algae, mg/l

4.6 - 10

Chronic Toxicity - Aquatic Invertebrates

NOEC 21 days < 0.28 mg/l Daphnia magna

**12.2. Persistence and degradability****Degradability**

The product is not expected to be biodegradable.

Ecological information on ingredients.**WHITE SPIRIT****Degradability**

The product is easily biodegradable.

Biodegradation

Degradation (75%) 28 days

**12.3. Bioaccumulative potential****Bioaccumulative potential**

The product contains potentially bioaccumulating substances.

Ecological information on ingredients.**WHITE SPIRIT****Bioaccumulation factor**

Scientifically unjustified.

Substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.

**12.4. Mobility in soil****Mobility:**

The product is non-volatile.

Ecological information on ingredients.**WHITE SPIRIT****Adsorption/Desorption Coefficient**

Scientifically unjustified.

Volatilisation is dependent on Henry's Law constant (HLC) which is not applicable to complex substances.

**12.5. Results of PBT and vPvB assessment**Ecological information on ingredients.**WHITE SPIRIT**

Not Classified as PBT/vPvB by current EU criteria.



**SPO/C264 - ANTI-CLIMB PAINT - ALL COLOURS****12.6. Other adverse effects**

Not determined.

Ecological information on ingredients.

**WHITE SPIRIT**

This substance may contribute to ozone formation in the near surface atmosphere. However, the photochemical formation of ozone depends on a complex interaction of other atmospheric pollutant sources and environmental conditions. Therefore, the contribution of this substance to ozone formation is outside the scope of this substance assessment and is more appropriately addressed via EU air quality directives.

**SECTION 13: DISPOSAL CONSIDERATIONS**

General information

Do not allow to enter drains, sewers or watercourses.

**13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

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).

**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/ADN) 1263

UN No. (IMDG) 1263

UN No. (ICAO) 1263

**14.2. UN proper shipping name**

Proper Shipping Name PAINT

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

ADR/RID/ADN Class Class 3: Flammable liquids.

IMDG Class 3

ICAO Class/Division 3

Transport Labels

**14.4. Packing group**

IMDG Packing group III

ICAO Packing group III

**14.5. Environmental hazards**

**SPO/C264 - ANTI-CLIMB PAINT - ALL COLOURS**

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 MARPOL73/78 and the IBC Code**

Not applicable.

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

Dangerous Substances and Explosive Atmospheres Regulations 2002 [L138]

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

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), 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.

National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION**

Revision Comments

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 Update for CLP labelling.

Issued By Technical Dept. (P.E.)

Revision Date 23/04/2015

Revision 2

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SDS No. 11390

Safety Data Sheet Status Approved.

Date Date printed \_\_\_\_\_

Signature Initials \_\_\_\_\_

**SPO/C264 - ANTI-CLIMB PAINT - ALL COLOURS**

## Risk Phrases In Full

R10	Flammable.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R11	Highly flammable
NC	Not classified.
R66	Repeated exposure may cause skin dryness or cracking.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R67	Vapours may cause drowsiness and dizziness.

## Hazard Statements In Full

H370	Causes damage to organs <<Organs>>.
H226	Flammable liquid and vapour.
H412	Harmful to aquatic life with long lasting effects.
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.
H331	Toxic if inhaled.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H411	Toxic to aquatic life with long lasting effects.

## Disclaimer

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.