

# SAFETY DATA SHEET

## JANGRO SILICONE SPRAY

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

#### 1.1. Product identifier

Product name JANGRO SILICONE SPRAY  
Internal Id A1555

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

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

Supplier JANGRO LTD  
JANGRO HOUSE  
WORSLEY ROAD  
FARNWORTH  
BOLTON  
BL4 9LU  
0845 458 5223  
enquiries@jangrohq.net

#### 1.4. Emergency telephone number

+44 (0) 777 8505 330

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification (1999/45/EEC) F+;R12. R52/53, R67.

#### 2.2. Label elements

##### Labelling



Extremely flammable

##### Risk Phrases

R12	Extremely flammable.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

##### Safety Phrases

A1	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2	Do not spray on a naked flame or any incandescent material.
S2	Keep out of the reach of children.
S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour/spray.
S35	This material and its container must be disposed of in a safe way.
S51	Use only in well-ventilated areas.

#### 2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

<b>HYDROCARBON PROPELLANT</b>	<b>60-100%</b>	
<b>CAS-No.: 68476-85-7</b>	<b>EC No.: 270-704-2</b>	
Classification (EC 1272/2008) Flam. Gas 1 - H220 Press. Gas, Liquefied - H280	Classification (67/548/EEC) F+;R12.	
<b>Hydrocarbons,C7,n-alkanes,isoalkanes,cyclic</b>	<b>10-30%</b>	
<b>CAS-No.:</b>	<b>EC No.: 927-510-4</b>	<b>Registration Number: 01-2119475515-33-xxxx</b>
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. Xi;R38. F;R11. N;R51/53. R67.	

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

#### Inhalation

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

#### Ingestion

Rinse mouth thoroughly. Get medical attention if any discomfort continues.

#### Skin contact

Wash skin with soap and water. Get medical attention if any discomfort continues.

#### Eye contact

Rinse the eye with water immediately. Get medical attention if any discomfort continues.

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

#### Inhalation

Vapours may cause drowsiness and dizziness.

#### Ingestion

May cause discomfort if swallowed.

#### Skin contact

Prolonged contact may cause redness, irritation and dry skin.

#### Eye contact

Irritation of eyes and mucous membranes.

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

Treat Symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

Extinguish with foam, carbon dioxide or dry powder.

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

# JANGRO SILICONE SPRAY

## Hazardous combustion products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## Unusual Fire & Explosion Hazards

Aerosol cans may explode in a fire.

## 5.3. Advice for firefighters

### Special Fire Fighting Procedures

No specific fire fighting procedure given.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Do not smoke, use open fire or other sources of ignition.

### 6.2. Environmental precautions

Do not discharge onto the ground or into water courses.

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

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb with inert, damp, non-combustible material, then flush area with water.

### 6.4. Reference to other sections

For personal protection, see section 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact.

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

Keep away from heat, sparks and open flame. Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Store at moderate temperatures in dry, well ventilated area.

### 7.3. Specific end use(s)

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

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
HYDROCARBON PROPELLANT	WEL	600 ppm	1430 mg/m <sup>3</sup>	750 ppm	1780 mg/m <sup>3</sup>	
Hydrocarbons,C7,n-alkanes,isoalkanes,cyclic	WEL		1000 mg/m <sup>3</sup>		No std.	

WEL = Workplace Exposure Limit.

#### Hydrocarbons,C7,n-alkanes,isoalkanes,cyclic

#### DNEL

Industry	Dermal	Long Term	300	mg/kg/day
Industry	Inhalation.	Long Term	2085	mg/m <sup>3</sup>
Consumer	Dermal	Long Term	149	mg/kg/day
Consumer	Inhalation.	Long Term	447	mg/m <sup>3</sup>

### 8.2. Exposure controls

#### Protective equipment



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## Engineering measures

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

## Hand protection

For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: Rubber, neoprene or PVC.

## Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Aerosol.
Colour	Colourless.
Odour	Hydrocarbon.
Solubility	Insoluble in water

### 9.2. Other information

No information required.

## 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.

### 10.5. Incompatible materials

#### Materials To Avoid

No incompatible groups noted.

### 10.6. Hazardous decomposition products

Fire or high temperatures create: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Inhalation

Vapours may cause drowsiness and dizziness.

#### Ingestion

Gastrointestinal symptoms, including upset stomach.

#### Skin contact

Repeated exposure may cause skin dryness or cracking.

#### Eye contact

Irritation of eyes and mucous membranes.

## 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.

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## 12.1. Toxicity

### Acute Toxicity - Fish

Not determined.

## 12.2. Persistence and degradability

### Degradability

The product is expected to be biodegradable.

## 12.3. Bioaccumulative potential

### Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

## 12.4. Mobility in soil

### Mobility:

The product has poor water-solubility.

## 12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

## 12.6. Other adverse effects

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

## 13.1. Waste treatment methods

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

## SECTION 14: TRANSPORT INFORMATION

## 14.1. UN number

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

## 14.2. UN proper shipping name

Proper Shipping Name                      AEROSOLS

## 14.3. Transport hazard class(es)

ADR/RID/ADN Class	Class 2.1: Flammable gases.
IMDG Class	2
ICAO Class/Division	2
Transport Labels	



## 14.4. Packing group

ADR/RID/ADN Packing group              5F

## 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

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## 14.6. Special precautions for user

Tunnel Restriction Code (D)

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

### SECTION 15: REGULATORY INFORMATION

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

### **Statutory Instruments**

Control of Substances Hazardous to Health.

### **Guidance Notes**

Workplace Exposure Limits EH40.

### **EU Legislation**

Dangerous Preparations Directive 1999/45/EC.

## 15.2. Chemical Safety Assessment

### SECTION 16: OTHER INFORMATION

**Revision Date** 12/05/14

**Revision** 3.1

**Supersedes date** 30/09/13

### **Risk Phrases In Full**

R12 Extremely 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  
R38 Irritating to skin.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R67 Vapours may cause drowsiness and dizziness.

### **Hazard Statements In Full**

H220 Extremely flammable gas.  
H222 Extremely flammable aerosol.  
H225 Highly flammable liquid and vapour.  
H280 Contains gas under pressure; may explode if heated.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful 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.