



# SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Si02 Infused Tyre Shine Product

**Version:** 1

## Section 1. Identification of the substance or the mixture and of the supplier

### 1.1 Product Identifier

**Product identifier:** Si02 Infused Tyre Shine Product

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

**Product uses:** Tyre Shine Product

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

**Company name:** Squid Ink Detailing Ltd

**Company address:** 16 Cartwright Street Shireoaks Worksop Notts  
S81 8NJ, United Kingdom

### 1.4 Emergency Contact

**Emergency Phone:** +01909 261 662 / 07545044316

## Section 2. Hazards identification

### 2.1 Classification of the substance or mixture

**Classification under Regulation (EC) No 1272/2008**

**Class and category of danger:**

Flam. Liq. Category 3

Asp. Tox. Category 1

STOT SE, Category 3

Aquatic Chronic, Category 2

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

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### 2.2 Label elements

#### Classification under Regulation (EC) No 1272/2008

**Signal word:** Danger

#### Hazard statements:

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

#### Precautionary statements:

#### Prevention:

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P260: Do not breathe vapours.

#### Response:

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do NOT induce vomiting.

#### Disposal:

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Pictograms:



### 2.3 Other hazards

#### Other hazards:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.



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### Section 3. Composition / information on ingredients

#### 3.2 Mixtures

Name	CAS	%	Classification for(CLP) 1272/2008
Hydrocarbon	919-446-0	50-80%	Flam. Liq. 3: H226 Asp. Tox. 1: H304 STOT SE 3: H336 Aquatic Chronic 2 - H411
Silicone Fluid	63148-62-9	10-20%	Not Classified
Dimethylpolysiloxane	63148-62-9	1-10%	Not Classified
SiO2 silica	7631-86-9	1-5%	Not Classified

#### Substances with Community workplace exposure limits:

Not Applicable

### Section 4. First-aid measures

#### 4.1 Description of first aid measures

- Inhalation:** Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
- Eye exposure:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention..
- Skin exposure:** Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
- Ingestion:** DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

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

Vapours may cause drowsiness and dizziness. Vapours inhaled in high concentrations have a narcotic effect on the central nervous system. May cause stomach pain or vomiting. The product may enter the lungs due to its low viscosity, and lead to the rapid development of very serious inhalation pulmonary lesions. Prolonged contact may cause redness, irritation and dry skin. May cause temporary eye irritation.



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

None expected, see Section 4.1 for further information.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable media: Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.

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

In case of fire, may be liberated: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Hydrocarbons. Aldehydes.

### 5.3 Advice for fire fighters:

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control. Wear full protective clothing. Self contained breathing apparatus and full protective clothing must be worn in case of fire. Use air-supplied respirator, gloves and protective goggles

## Section 6. Accidental release measures

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

Use protective gloves, goggles and suitable protective clothing. In case of inadequate ventilation, use respiratory protection.

### 6.2 Environmental precautions:

Do not discharge into drains, water courses or onto the ground. 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:

Absorb in vermiculite, dry sand or earth and place into containers. Dike far ahead of larger spills for later disposal. Do not contaminate water sources or sewer. Flush area with water.

### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling:

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Static electricity and formation of sparks must be prevented

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

Store in tightly closed original container in a dry, cool and well-ventilated place. Avoid contact with oxidising agents. Take precautionary measures against static discharges..



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## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Engineering Controls

Provide adequate general and local exhaust ventilation.

### 8.2 Exposure Controls

#### Eye Protection

Wear splash-proof eye goggles to prevent any possibility of eye contact. Manufactured/Tested in accordance with EN 166.

#### Skin Protection

Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Nitrile. Polyvinyl alcohol (PVA). Neoprene. Manufactured/tested in accordance with EN 374. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

#### Respiratory Protection

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

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b>	Colourless
<b>Specific Physical Form</b>	Liquid
<b>Odour:</b>	Characteristic. Pungent.
<b>pH:</b>	Not available
<b>Melting point / freezing point:</b>	Not available
<b>Initial boiling point / range:</b>	150-200 760 mm Hg
<b>Flash point:</b>	>=38 °C (Closed cup).
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid, gas):</b>	Not available
<b>Vapour pressure:</b>	<5 hPa 20.0
<b>Solubility in water:</b>	Not miscible or difficult to mix
<b>Bulk Density:</b>	0.774 - 0.795 15



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**Solubility(ies):** Not available.  
**Auto-ignition temperature:** Not available  
**Viscosity:** 0.95 mm/s<sup>2</sup> 40  
**Explosive properties:** Not available  
**Oxidising properties:** Not available

### Section 10. Stability and reactivity

#### **10.1 Reactivity:**

No relevant information available.

#### **10.2 Chemical stability:**

Good stability under normal storage conditions.

#### **10.3 Possibility of hazardous reactions:**

No hazardous reaction when handled and stored according to instructions described.

#### **10.4 Conditions to avoid:**

Avoid heat, flames and other sources of ignition. Take precautionary measures against static discharges.

#### **10.5 Incompatible materials:**

Strong oxidising substances. Strong acids.

#### **10.6 Hazardous decomposition products:**

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

### Section 11. Toxicological information

#### **11.1 Information on toxicological effects**

##### **Acute Toxicity:**

Acute Toxicity Oral Hydrocarbon, > 15000 mg/kg Rat

Acute Toxicity Dermal Hydrocarbon, > 3400 mg/kg Rat

Acute Toxicity Inhalation Hydrocarbon, > 13100 mg/l (vapours) Rat 4 hours

**Skin corrosion/irritation:** Based on available data the classification criteria are not met.

**Serious eye damage/irritation:** Can cause eye irritation, Category 2

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

**Germ cell mutagenicity:** Based on available data the classification criteria are not met.

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

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



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**STOT-single exposure:** Vapours may cause drowsiness and dizziness.

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

**Aspiration hazard:** May be fatal if swallowed and enters airways.

### Information about hazardous ingredients in the mixture

Not Applicable

### Section 12. Ecological information

**12.1 Toxicity:** Not available

**12.2 Persistence and degradability:** Not available

**12.3 Bioaccumulative potential:** Not available

**12.4 Mobility in soil:** Not available

#### **12.5 Results of PBT and vPvB assessment:**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Other adverse effects:** Do not allow the material to enter streams, sewers or other waterways.

### Section 13. Disposal considerations

#### **13.1 Waste treatment methods:**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

#### **13.2 Local disposal regulations:**

Dispose in accordance with all applicable regulations

#### **13.3 Hazardous waste code:**

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

#### **13.4 Waste from residues/unused product:**

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

#### **13.5 Contaminated packaging:**

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.



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### Section 14. Transport information

**14.1 UN number:** UN 1300

**14.2 UN Proper Shipping Name:** Turpentine Substitute (Contains Aromatic Hydrocarbons)

**14.3 Transport hazard class(es):** 3

**14.4 Packing Group:** III

**14.5 Environmental hazards:** Yes

**14.6 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not classified

### Section 15. Regulatory information

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

This product does not require any special training before use. Usage and handling instructions are mentioned on package and on this Safety Data Sheet.

##### **Uk Regulatory References**

Health and Safety at Work Act 1974. Chemicals (Hazard Information & Packaging) Regulations.

##### **Statutory Instruments**

Control of Substances Hazardous to Health.

##### **Approved Code Of Practice**

Classification and Labelling of Substances and Preparations Dangerous for Supply.

##### **Guidance Notes**

Workplace Exposure Limits EH40.

##### **EU Legislation**

Regulation (EC) No 1272/2008 CLP. Regulation (EC) No 1907/2006 REACH.

##### **National Regulations**

Related CAS No. 64742-82-1 The substance is listed in the following International Inventories: EINECS/ELINCS TSCA (US) DSL (CA) ENCS IECSC KECL PICCS AICS (AU) NZIOc

#### 15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out.





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### Section 16. Other information

Abbreviation	Meaning
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects
P210	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection
P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do NOT induce vomiting
P501	Dispose of contents/container in accordance with local/regional/national/ international regulations

The information provided in this Safety Data Sheet is correct to the best of our knowledge and have been obtained from resources believed to be reliable. We make no warranties, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or course of performance or usage. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of use or application. The information related 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.