

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** SOLARSHIELD**Product code:** SOLAR**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** PC9a: Coatings and paints, thinners, paint removers.**1.3. Details of the supplier of the safety data sheet****Company name:** Britannia Paints Ltd

Units 7-8

King Street Trading Estate

Middlewich

Cheshire

CW10 9LF

United Kingdom

**Tel:** 01606 834015**Fax:** 01606 837006**Email:** [sales@britanniapaints.co.uk](mailto:sales@britanniapaints.co.uk)**1.4. Emergency telephone number****Emergency tel:** 01606 834015

(office hours only)

**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CHIP:** -: R10; Xi: R38; N: R51/53**Classification under CLP:** Flam. Liq. 3: H226**Most important adverse effects:** Flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**2.2. Label elements****Label elements:****Hazard statements:** H226: Flammable liquid and vapour.**Signal words:** Warning**Hazard pictograms:** GHS02: Flame

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**Precautionary statements:** P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P240: Ground/Bond container and receiving equipment.  
P241: Use explosion-proof electrical/ventilating/lighting/.. equipment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P370+378: In case of fire: Use carbon oxides to extinguish.

### Label elements under CHIP:

**Hazard symbols:** Irritant.  
Dangerous for the environment.



**Risk phrases:** R10: Flammable.  
R38: Irritating to skin.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases:** S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

STRAIGHT RUN KEROSENE - SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.

EINECS	CAS	CHIP Classification	CLP Classification	Percent
265-191-7	64742-88-7	Xn: R65; Xi: R38; N: R51/53	Asp. Tox. 1: H304	10-30%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Transfer to hospital if there are burns or symptoms of poisoning.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Seek medical attention if irritation or symptoms persist.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours.

[cont...]

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Carbon dioxide. Alcohol resistant foam.

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

**Exposure hazards:** Burning produces toxic fumes

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Wear suitable Personal Protective Equipment. Ensure adequate ventilation of working area. Eliminate all sources of ignition. Evacuate personnel to a safe area.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb with inert, absorbant material. Sweep up. Transfer to suitable, labelled waste container for disposal. Clean spillage area thoroughly with plenty of water.

### 6.4. Reference to other sections

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Keep away from sources of ignition - No Smoking.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Store in correctly labelled containers.

**Suitable packaging:** Must only be kept in original packaging.

[cont...]

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## 7.3. Specific end use(s)

**Specific end use(s):** PC9a: Coatings and paints, thinners, paint removers.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Silver/Bronze

**Odour:** Characteristic odour

**Viscosity:** Viscous

**Boiling point/range°C:** >150

**Flash point°C:** >39

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Sources of ignition.

### 10.5. Incompatible materials

**Materials to avoid:** Oxidising agents.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

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## 11.1. Information on toxicological effects

Relevant effects for mixture:

Effect	Route	Basis
Irritation	DRM	Hazardous: calculated

## Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### 12.4. Mobility in soil

**Mobility:** No data available.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Dispose of in compliance with all local and national regulations.

**Recovery operations:** Not applicable.

**Disposal of packaging:** Dispose of in compliance with all local and national regulations.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN1999

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## 14.2. UN proper shipping name

Shipping name: TARS, LIQUID

## 14.3. Transport hazard class(es)

Transport class: 3

## 14.4. Packing group

Packing group: III

## 14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

## 14.6. Special precautions for user

Tunnel code: D/E

Transport category: 3

## Section 15: Regulatory information

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

**Specific regulations:** The Chemicals (Hazard Information and Packaging) Regulations applied in the UK.  
The COSHH Regulations applied in the UK.  
The Health and Safety at Work Act applied in the UK

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

R10: Flammable.

R38: Irritating to skin.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.