

## Safety Data Sheet

Regulation 1907/2006/EC, Article 31 REACH  
Issue Number 1, Revision Date: December 2018  
No. of pages 4

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

#### 1.1. Product Identifier

Product Name SK Halogen Free Flux Rework Gel  
(RoHS Compliant/Reach Compliant) No SVHC's

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

Description Rework Gel. For Industrial Use only.

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

Company Solderking Assembly Materials Limited  
Address Unit 5D

Lancaster Road  
Carnaby Industrial Estate  
Bridlington  
East Yorkshire  
YO15 3QY

Web

United Kingdom

Telephone

www.solderking.com

Email

01262 363088

Email of competent person

info@solderking.com

info@solderking.com

#### 1.4. Emergency telephone number

01262 363088

### SECTION 2: Hazards Identification

#### 2.1. Classification of the mixture

Main Hazards Rosin –skin sensitization (Category 1)  
Rosin -Respiratory sensitization (Category 1)

#### 2.2 Label Elements EC 1272/2008

Classification



**GHS07**



**GHS08**

#### Signal Word: Danger

H317: May cause an allergic skin reaction

H335: May cause respiratory irritation

P261: Avoid breathing fumes.

P280: Wear protective gloves

P285: In case of inadequate ventilation wear respiratory protection.

P302+P352: IF ON SKIN, Wash with plenty of soap and water.



P304+P341: IF INHALED, If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P333+P313: If skin irritation or rash occurs, get medical advice/attention.

#### 2.3 Not classified as PBT/vPvB by current EU criteria

### SECTION 3: Composition & Information on Ingredients

This material is defined as a mixture

Chemical Name	CAS No	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Rosin-colophony Terpineol	8050-09-7 8000-41-7	232-475-7 -	01-2119480418-32-00** -	<70 <60	  H317, H315
Carboxylic Acid C4-6	68603-87-2	271-678-5	-	<10	Eye Irrit 2 H319

Ingredients not listed in the table above are classified as non hazardous or at a concentration below reportable levels.

## SECTION 4: First Aid Measures

### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If not breathing give artificial respiration.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelid open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Consult a doctor as soon as possible.

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

The most important known effects are described in the labelling.

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

Seek medical attention if any symptoms persist

## SECTION 5: Firefighting Measures

### 5.1. Extinguishing Media

Use extinguishing media appropriate to the surrounding fire conditions  
Carbon dioxide (CO<sub>2</sub>), Alcohol resistant foam. Powder. Dry chemicals or sand.  
Do not use water jet as an extinguisher, as this will spread the fire.

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

Fumes may irritate the nose or throat,

### 5.3. Advice for Fire Fighters

Do not use water jet. Wear full protective clothing.

## SECTION 6: Accidental Release Measures

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

Use personal protective equipment. Do not walk through or touch spilt material.  
Ensure adequate ventilation of the working area.

### 6.2. Environmental precautions

Do not allow product to enter drains, soil, waterways and sewers. Prevent further spillage if safe to do so.

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

Absorb in vermiculite, dry sand or earth and place into containers. Wear necessary protective equipment.

### 6.4. reference to other sections

See section 2,8,13 for further information

## SECTION 7: Handling and Storage

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact.

### 7.2. Precautions for safe storage, including and incompatibility

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Keep away from direct sunlight. Keep away from food and drink.

### 7.3. Specific end use(s)

Rework gel

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

Chemical Name

Rosin  
0.15mg/m<sup>3</sup> over a 15 minute reference period UK EH40.  
0.05mg/m<sup>3</sup> over an 8 hour reference period

### 8.2. Exposure Controls

#### 8.2.1 Appropriate engineering controls

Extraction should be used to reduce exposure. Please use health and safety guidelines to choose suitable extraction.

#### 8.2.2. Individual protection measures

Eye/face protection

Skin / Hand protection

Biological Standards

Environmental exposure controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the work day. Wash contaminated clothing before re-use. Ensure that eye wash stations are close to the work area. Wear protective clothing. Disposable vinyl gloves. Use safety goggles where exposure is probable. Use suitable protective gloves if risk of skin contact. Nitrile gloves are recommended. The material possesses minimal risk to the environment.

### SECTION 9: Information on basic physical and chemical properties

State	gel
Colour	pale
Odour	Mild sweet
pH	Not available
Specific Gravity	Not available
Acid Value	Not available
Melting point	Not available
Freezing point	Not available
Boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability limits	Not available
Vapour flammability	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Fat solubility	Not available
Partition coefficient	Not available
Autoignition temperature	Not available
Viscosity	Not available
Solubility	Insoluble in water

#### 9.2. Other Information

Conductivity	No data available
Surface Tension	No data available
Gas group	No data available

### SECTION 10: Stability and Reactivity

#### 10.1. Reactivity

No data available on this product

#### 10.2. Stability

#### 10.3. Possibility of Hazardous Reactions

No data available.

#### 10.4. Conditions to avoid

None

#### 10.5. Incompatible Materials

No data available

#### 10.6. Hazardous Decomposition Products

No data available

### SECTION 11: Toxicological Information

#### 11.1. Information on toxicological effects

Inhalation	Fumes generated during use may cause irritation to the respiratory system and should be extracted away from the operator.
Ingestion	
Skin Contact	Prolonged contact may cause dryness of the skin. May cause skin irritation.
Eye contact	Irritating to eyes.
Target Organs	Eyes
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

### SECTION 12: Ecological Information

#### 12.1. Toxicity -No data available

#### 12.2. Persistence and degradability -No data available

#### 12.3. Bio accumulative potential – No data available

- 12.4. Mobility in soil -No data available
- 12.5. Results of PBT and vPvB assessment -No data available
- 12.6 Other adverse effects -No data available

## SECTION 13: Disposal Considerations

### General Information

Dispose of in compliance with all local and national regulations. Empty containers may contain product residue. The product container must be disposed of in a safe way.

### Disposal methods

Contact a licensed waste disposal company. Avoid dispersal of spilt material and runoff in contact with soil, waterways

### Disposal and Packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal and recycling.

## SECTION 14: Transport Information

### Hazard Pictograms

Not hazardous for transport

#### 14.1. UN Number

-

#### 14.2. UN Proper Shipping Name

-

#### 14.3. Transport Hazard Class

##### ADR/RID

-

##### Subsidiary risk

-

##### IMDG

-

##### Subsidiary risk

-

##### IATA

-

##### Subsidiary risk

-

#### 14.4. Packing Group

##### Packing Group

-

-

#### 14.5. Environmental Hazards

##### Environmental hazard

No

##### Marine Pollutant

No

##### ADR/RID

##### Hazard ID

-

##### Tunnel Category

-

##### IMDG

##### Ems Code

-

##### IATA

##### Packing Instruction (Cargo)

-

##### Maximum quantity

-

##### Packing Instruction (Passenger)

-

##### Maximum quantity

-

## SECTION 15: Regulatory Information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

### 15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

## SECTION 16: Further Information

This product is Reach and RoHS compliant.

The information supplied in this safety data sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.

Contact [info@solderking.com](mailto:info@solderking.com) if you have any questions or queries regarding this product.