

Productname : RADIATOR SEALER  
Ref.Nr.: 5562012

Creationdate : 23.04.15 Version : 1

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

### 1.1. Product identifier

RADIATOR SEALER

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

Additives

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

Central Solutions (GB) Ltd  
Sol-X House  
Windmill Lane  
Norton  
Doncaster  
DN6 9AT  
Tel.: +44(0)1302 - 708895  
Fax: +44(0)1302 - 708895  
E-mail : info@solxsolutions.com

### 1.4. Emergency telephone number

Central Solutions (GB) Ltd: Tel.: +44(0)1302 708895

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

Physical:	Not classified
Health:	Not classified
Environment:	Not classified
Other hazards :	Contains: 1,2-benzisothiazol-3(2H)-one May produce an allergic reaction.

#### Classification according to 67/548/EEC or 1999/45/EC:

Health:	Not classified
Physical:	Not classified
Environment:	Not classified
Other hazards :	Not classified

### 2.2. Label elements

Productname : RADIATOR SEALER  
Ref.Nr.: 5562012

Creationdate : 23.06.15 Version : 1

### Labelling according to Regulation (EC) No 1272/2008

None

P280 : Wear protective gloves/protective clothing/eye protection/face protection.  
P501-2 : Dispose of contents/container to an authorised waste collection point.

#### Supplemental Hazard information:

Contains:  
1,2-benzisothiazol-3(2H)-one  
May produce an allergic reaction.

### 2.3. Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixtures

Hazardous ingredient	CAS-nr.	EC-nr	w/w %	symbol	R-phrases*	Notes
potassium hydroxide; caustic potash	1310-58-3	215-181-3	<0.5	Xn,C	22-35	B
1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9	<0.1	Xn,N	22-38-41-43-50	
<b>Explanation notes</b>						
B : substance with national established workplace exposure limit						

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
potassium hydroxide; caustic potash	01-2119487136-33	1310-58-3	215-181-3	<0.5	Met. Corr. 1, Acute Tox. 4, Skin Corr. 1A	H290,H302,H314	B
1,2-benzisothiazol-3(2H)-one		2634-33-5	220-120-9	<0.1	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1	H302,H315,H318,H317,H400	
<b>Explanation notes</b>							
B : substance with national established workplace exposure limit							

(\* Explanation phrases : see chapter 16)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Contact with eyes :** If substance has got into eyes, immediately wash out with plenty of water for several minutes  
Seek medical attention if irritation persists

**Contact with skin :** Wash with water and soap.  
Seek medical attention if irritation persists

**Inhalation :** Fresh air, keep warm and at rest.

Productname : RADIATOR SEALER  
Ref.Nr.: 5562012

Creationdate : 23.06.15 Version : 1

Ingestion :	Seek medical attention if ill effects occur If swallowed do not induce vomiting Seek medical advice
-------------	---

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

Inhalation :	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion :	May cause gastrointestinal disturbances
Skin contact :	May produce an allergic reaction. May cause irritation. Symptoms : redness and pain
Eye contact :	May cause irritation. Symptoms : redness and pain

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

General Advice :	If you feel unwell, seek medical advice (show the label where possible) If symptoms persist always call a doctor
------------------	---

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

foam, carbon dioxide or dry agent

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

Forms hazardous decomposition products  
CO,CO<sub>2</sub>

#### 5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water  
In case of fire, do not breathe fumes

### SECTION 6: Accidental release measures

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

Shut off all ignition sources  
Ensure adequate ventilation  
Wear suitable protective clothing including eye/face protection.

#### 6.2. Environmental precautions

Do not allow to enter public sewers and watercourses  
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

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

**Productname :** RADIATOR SEALER  
**Ref.Nr.:** 5562012

**Creationdate :** 23.06.15 **Version :** 1

Absorb spillage in suitable inert material

#### 6.4. Reference to other sections

For further information see section 8

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Use only in well ventilated areas  
Avoid contact with skin and eyes.  
Wash thoroughly after use  
Wear protective gloves/protective clothing/eye protection/face protection.

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

Keep in a cool, dry, well ventilated place  
Keep out of reach of children.

#### 7.3. Specific end use(s)

Additives

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits :

No information available

#### 8.2. Exposure controls

<b>Control procedures :</b>	Ensure adequate ventilation
<b>Personal protection :</b>	Take precautions to avoid contact with skin and eyes when handling the product.
	Ensure adequate ventilation
<b>inhalation :</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>hands and skin :</b>	Wear suitable protective gloves against chemicals
Recommended gloves:	Nitrile
<b>eyes :</b>	Wear safety goggles.

### SECTION 9: Physical and chemical properties

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

**Apperance : physical state :** Liquid.

**Productname :** RADIATOR SEALER  
**Ref.Nr.:** 5562012

**Creationdate :** 23.06.15 **Version :** 1

<b>colour :</b>	Brown.
<b>odour :</b>	Characteristic odor.
<b>pH :</b>	6 - 8
<b>Boiling point/range :</b>	> 100 °C
<b>Flash point :</b>	none
<b>Evaporation rate :</b>	Not available.
<b>Explosion limits : upper limit :</b>	Not available.
<b>lower limit :</b>	Not available.
<b>Vapour pressure :</b>	Not available.
<b>Relative density :</b>	1.025 g/cm <sup>3</sup> (@ 20°C).
<b>Solubility in water :</b>	Soluble in water
<b>Auto-ignition :</b>	> 200 °C

## 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known if used for its intended purpose

### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

### 10.4. Conditions to avoid

Avoid overheating

### 10.5. Incompatible materials

Strong oxidising agent

### 10.6. Hazardous decomposition products

CO,CO<sub>2</sub>

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Information on likely routes of exposure:

<b>Inhalation :</b>	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	May cause gastrointestinal disturbances

Productname : RADIATOR SEALER  
Ref.Nr.: 5562012

Creationdate : 23.06.15 Version : 1

**Skin contact :** May cause irritation.  
May produce an allergic reaction.  
**Eye contact :** May cause irritation.

#### Toxicological data :

Hazardous ingredient	CAS-nr.	method	
potassium hydroxide; caustic potash	1310-58-3	LD50 oral rat	333 mg/kg

## SECTION 12: Ecological information

### 12.1. Toxicity

Not classified

#### Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
potassium hydroxide; caustic potash	1310-58-3	LC50 fish	80 mg/l

### 12.2. Persistence and degradability

No experimental data available

### 12.3. Bioaccumulative potential

No experimental data available

### 12.4. Mobility in soil

Soluble in water

### 12.5. Results of PBT and vPvB assessment

No information available

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Product :** This material and its container must be disposed of in a safe way.  
Do not discharge into drains or the environment, dispose to an authorised waste collection point.  
**National regulations :** Disposal should be in accordance with local, state or national legislation

Productname : RADIATOR SEALER  
Ref.Nr.: 5562012

Creationdate : 23.06.15 Version : 1

## SECTION 14: Transport information

### 14.1. UN number

UN-number : Not classified as hazardous for transport

### 14.2. UN proper shipping name

Proper shipping name: Not applicable.

### 14.3. Transport hazard class(es)

Class: Not applicable.  
ADR/RID - Classification code: Not applicable.

### 14.4. Packing group

Packing group: Not applicable.

### 14.5. Environmental hazards

ADR/RID - Environmentally  
hazardous: No  
IMDG - Marine pollutant: No  
IATA/ICAO - Environmentally  
hazardous: No

### 14.6. Special precautions for user

ADR/RID - Tunnelcode: Not applicable.  
IMDG - Ems: Not applicable.  
IATA/ICAO - PAX: Not applicable.  
IATA/ICAO - CAO: Not applicable.

### 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

The Safety Data Sheet is compiled according to the current European requirements.  
EU-directive 99/45/EC  
Regulation (EC) No 1272/2008 (CLP)  
Regulation (EC) No 1907/2006 (REACH)

### 15.2. Chemical safety assessment

**Productname :** RADIATOR SEALER  
**Ref.Nr.:** 5562012

**Creationdate :** 23.06.15 **Version :** 1

No information available

## SECTION 16: Other information

\*Explanation risk-phrases: R22: Harmful if swallowed.  
R35: Causes severe burns.  
R38: Irritating to skin.  
R41: Risk of serious damage to eyes.  
R43: May cause sensitization by skin contact.  
R50

\*Explanation hazard statements: H290 : May be corrosive to metals.  
H302 : Harmful if swallowed.  
H314 : Causes severe skin burns and eye damage.  
H315 : Causes skin irritation.  
H317 : May cause an allergic skin reaction.  
H318 : Causes serious eye damage.  
H400 : Very toxic to aquatic life.

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from us.