



**SAFETY DATA SHEET**  
**SAS220 EXHAUST REPAIR PUTTY**

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

**1.1. Product identifier**

**Product name** SAS220 Exhaust Repair Putty

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

**Identified uses** Adhesive.

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

**Supplier** Nina Works,  
Gelderd Road,  
Leeds  
LS12 6NA  
Tel: +44 (0) 113 213 4300

**1.4. Emergency telephone number**

**Emergency telephone** +44 (0) 113 213 4300

**SECTION 2: Hazards identification**

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

**Classification**

**Physical hazards** Not Classified

**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335

**Environmental hazards** Not Classified

**2.2. Label elements**

**Pictogram**



**Signal word** Warning

**Hazard statements** H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

## SAS220 EXHAUST REPAIR PUTTY

<b>Precautionary statements</b>	<p>P261 Avoid breathing vapour/spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTER/doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>
---------------------------------	---

**Contains** Sodium Silicate

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>Sodium Silicate</b>	<b>10-30%</b>
CAS number: 1344-09-8	EC number: 215-687-4
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
STOT SE 3 - H335	

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

<b>Inhalation</b>	Remove affected person from source of contamination. Get medical attention. Show this Safety Data Sheet to the medical personnel.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical attention. Show this Safety Data Sheet to the medical personnel.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Wash with plenty of water. Continue to rinse for at least 15 minutes and get medical attention. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if any discomfort continues.

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

<b>General information</b>	Treat symptomatically.
<b>Inhalation</b>	May cause irritation. Coughing, chest tightness, feeling of chest pressure.
<b>Ingestion</b>	May cause irritation. Sore throat.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.

## SAS220 EXHAUST REPAIR PUTTY

**Eye contact** May cause irritation. Redness. Profuse watering of the eyes.

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

**Specific treatments** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Water spray, foam, dry powder or carbon dioxide.

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

**Hazardous combustion products** Toxic gases or vapours.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Use air-supplied respirator, gloves and protective goggles.

## SECTION 6: Accidental release measures

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

**Personal precautions** For personal protection, see Section 8. Avoid inhalation of dust.

**For emergency responders** Approach the spillage from upwind.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Collect and place in suitable waste disposal containers and seal securely.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with skin, eyes and clothing. Provide adequate ventilation. Do not use in confined spaces without adequate ventilation and/or respirator. Avoid inhalation of dust and vapours.

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

**Storage precautions** Store in a cool and well-ventilated place. Keep container tightly sealed when not in use. Keep only in the original container.

### 7.3. Specific end use(s)

**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

#### Occupational exposure limits

No data available.

### 8.2. Exposure controls

## SAS220 EXHAUST REPAIR PUTTY

<b>Appropriate engineering controls</b>	Provide adequate ventilation.
<b>Eye/face protection</b>	Wear eye protection.
<b>Hand protection</b>	Wear protective gloves.
<b>Other skin and body protection</b>	Wear protective clothing.
<b>Hygiene measures</b>	Provide eyewash station and safety shower.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn. In case of possible exposure to degradation products, use suitable respiratory protection.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Putty. Paste.
<b>Colour</b>	Black.
<b>Odour</b>	Slight.
<b>pH</b>	pH (concentrated solution): 10.5
<b>Evaporation rate</b>	Not available.
<b>Relative density</b>	1.85
<b>Solubility(ies)</b>	Soluble in water.
<b>Viscosity</b>	Viscous

#### 9.2. Other information

<b>Other information</b>	None.
--------------------------	-------

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
-------------------	---

#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures. Stable under the prescribed storage conditions.
------------------	--

#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, no hazardous reactions will occur.
---	--

#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Heat, sparks, flames.
----------------------------	-----------------------

#### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong oxidising agents. Strong acids.
---------------------------	--

#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.
---	--

### SECTION 11: Toxicological information

## SAS220 EXHAUST REPAIR PUTTY

### 11.1. Information on toxicological effects

<b>Inhalation</b>	May cause irritation. Coughing, chest tightness, feeling of chest pressure.
<b>Ingestion</b>	May cause discomfort. Sore throat.
<b>Skin contact</b>	May cause irritation. Redness.
<b>Eye contact</b>	May cause eye irritation. Redness. Profuse watering of the eyes.

## SECTION 12: Ecological Information

### 12.1. Toxicity

**Toxicity** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

### 12.3. Bioaccumulative potential

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

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** Not applicable.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Collect and place in suitable waste disposal containers and seal securely. Confirm disposal procedures with environmental engineer and local regulations.

## SECTION 14: Transport information

### 14.1. UN number

3262

### 14.2. UN proper shipping name

CORROSIVE SOLID, BASIC, INORGANIC, N.O.S., (SODIUM SILICATE)

### 14.3. Transport hazard class(es)

8

### 14.4. Packing group

I

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

## SAS220 EXHAUST REPAIR PUTTY

ADR transport category 1

Tunnel restriction code (E)

### 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

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

##### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

##### Inventories

##### EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

#### SECTION 16: Other information

**Revision date** 07/05/2015

**Revision** 1

**SDS number** 4877

**Hazard statements in full** H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.