

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: 2 PART CHEMICAL SETTING ADHESIVE - AL/CS FILLER

CAS number: Mixture

EINECS number: Mixture

Product code: FF126

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

Use of substance / mixture: Filler for 2-part high temperature resistant adhesive. PC1: Adhesives, sealants.

PROC21: Low energy manipulation of substances bound in materials and/or articles

ERC5: Industrial use resulting in inclusion into or onto a matrix

1.3. Details of the supplier of the safety data sheet

Company name: Minkon Ltd

Tofts Farm Industrial Estate

Brenda Road

Hartlepool

TS25 2BS

United Kingdom

Tel: +44 (0) 1429 273 252

Fax: +44 (0) 1429 232 611

Email: enquiries@minkon.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1429 273 252 Mon-Thur: 08:30-17:00 Fri: 08

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Acute Tox. 3: H301

Most important adverse effects: Toxic if swallowed.

2.2. Label elements

Label elements:

Hazard statements: H301: Toxic if swallowed.

Hazard pictograms: GHS06: Skull and crossbones



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Signal words: Danger

Precautionary statements: P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P321: Specific treatment (see instructions on this label).
P330: Rinse mouth.
P405: Store locked up.

2.3. Other hazards

Other hazards: Irritating to respiratory system.

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

RAW MATERIAL - SODIUM FLUOROSILICATE - REACH registered number(s): 01-2119519245-43-0000

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|------------|-----------|---|---------|
| 240-934-8 | 16893-85-9 | - | Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301 | 1-10% |

Non-classified ingredients:

RAW MATERIAL - REFRACTORY ADHESIVE FILLER

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|---------|---------|-----------|--------------------|---------|
| Mixture | Mixture | - | - | >90% |

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

[cont...]

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing. Drowsiness or mental confusion may occur. Convulsions may occur. There may be loss of consciousness.

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

Immediate / special treatment: Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Toxic. In combustion emits 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: Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Alert the neighbourhood to the presence of fumes or gas.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is exhaust ventilation of the area. Do not handle in a confined space.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Store in suitable sealed container.

7.3. Specific end use(s)

Specific end use(s): No data available.

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

Engineering measures: Ensure there is exhaust ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be used in handling.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Powder

Colour: White

Odour: Odourless

Solubility in water: Slightly soluble

VOC g/l: 0

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.

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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.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Product is stable under normal temperature and storage conditions

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of hydrogen fluoride.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

| Route | Species | Test | Value | Units |
|-------|---------|------|-------|-------|
| ORAL | RBT | LD50 | 125 | mg/kg |
| ORAL | RAT | LD50 | 125 | mg/kg |
| ORAL | MUS | LD50 | 70 | mg/kg |

Hazardous ingredients:

RAW MATERIAL - SODIUM FLUOROSILICATE

| | | | | |
|------|-----|------|-----|-------|
| ORAL | RAT | LD50 | 125 | mg/kg |
| ORAL | RBT | LD50 | 125 | mg/kg |
| ORL | MUS | LD50 | 70 | mg/kg |

Relevant hazards for product:

| Hazard | Route | Basis |
|-----------------------------|-------|-----------------------|
| Acute toxicity (ac. tox. 3) | ING | Hazardous: calculated |

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing. Drowsiness or mental confusion may occur. Convulsions may occur. There may be loss of consciousness.

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Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

RAW MATERIAL - SODIUM FLUOROSILICATE

| | | | |
|---|----------|----|------|
| BLUEGILL (<i>Lepomis macrochirus</i>) | 96H LC50 | 49 | mg/l |
|---|----------|----|------|

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Sparingly soluble in water.

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

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Contaminated containers must be completely emptied. Dispose of as normal industrial waste.

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: UN3288

14.2. UN proper shipping name

Shipping name: TOXIC SOLID, INORGANIC, N.O.S.
(RAW MATERIAL - SODIUM FLUOROSILICATE)

14.3. Transport hazard class(es)

Transport class: 6.1

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14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 2

Section 15: Regulatory information

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

Specific regulations: Not applicable.

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: Shelf life for tins - 12 months.

This product is ROHS compliant.

Phrases used in s.2 and s.3: H301: Toxic if swallowed.

H311: Toxic in contact with skin.

H331: Toxic if inhaled.

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.