

SAFETY DATA SHEET

2 PART CHEMICAL SETTING ADHESIVE - AL/CS FILLER

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Compilation date: 19/05/2010

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Revision No: 7

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

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.

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) 7970 462234

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: Xn: R20/21/22

Classification under CLP: Acute Tox. 4: H302; STOT RE 2: H373

Most important adverse effects: Harmful by inhalation, in contact with skin and if swallowed.

2.2. Label elements

Label elements under CLP:

Hazard statements: H302: Harmful if swallowed.

H373: May cause damage to organs through prolonged or repeated exposure.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark

GHS08: Health hazard



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Precautionary statements: P260: Do not breathe dust.
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 or doctor.
P314: Get medical advice/attention if you feel unwell.
P330: Rinse mouth.

Label elements under CHIP:

Hazard symbols: Harmful.



Risk phrases: R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

Safety phrases: S36/37: Wear suitable protective clothing and gloves.

2.3. Other hazards

Other hazards: Irritating to eyes. Irritating to skin.

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

Section 3: Composition/information on ingredients

3.2. Mixtures

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

240-934-8	16893-85-9	T: R23/24/25	Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301	1-10%
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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.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

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. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

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

[cont...]

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

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: 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: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. 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 create dust.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Wet solid with water to produce a slurry. Mix slurry with liquid binder and allow to set to a hard cement. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air. General good safety practices should be followed in the handling and use of this product. NO SMOKING OR EATING OR DRINKING should be allowed in areas of storage or use.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Avoid incompatible materials and conditions - see section 10 of SDS.

Suitable packaging: Store in suitable sealed container.

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7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	2.5 mg (F) / m ³	-	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

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

Respiratory protection: Respiratory protective device with particle filter. Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Tightly fitting safety goggles. 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

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Humidity.

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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. May liberate hydrogen fluoride or silicon tetrafluoride.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

RAW MATERIAL - SODIUM FLUOROSILICATE

ORL	MUS	LD50	70	mg/kg
ORL	RAT	LD50	125	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH DRM ING	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. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

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

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

RAW MATERIAL - SODIUM FLUOROSILICATE

BLUEGILL (<i>Lepomis macrochirus</i>)	96H LC50	49	mg/l
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12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Sparingly soluble in water.

[cont...]

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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: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Deposit into or on to land (e.g. landfill, etc.)

Waste code number: 06 01 99

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

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: Shelf life for tins - 12 months.

This product is ROHS compliant.

This product is a water based adhesive cement - VOC Content 0 gram/litre

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

H302: Harmful if swallowed.

H311: Toxic in contact with skin.

H331: Toxic if inhaled.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R23/24/25: Toxic by inhalation, in contact with skin and 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.