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

### 1.1. Product identifier

**Product name:** AUTOSTIC FC FS GRADES : HIGH TEMPERATURE ADHESIVE  
**CAS number:** Mixture  
**EINECS number:** Mixture

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

**Use of substance / mixture:** 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  
UK  
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:** +441429273252 MTWT:08:30-17:00 F:08:30-14:00  
(phone hours only)

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** This product has no classification under CLP.

### 2.2. Label elements

**Label elements:**

**Precautionary statements:** P102: Keep out of reach of children.  
P103: Read label before use.  
P264: Wash hands thoroughly after handling.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

[cont...]
2.3. Other hazards

Other hazards: Alkaline Solution. Irritating to eyes. Irritating to skin.

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

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: AUTOSTIC FC FS GRADES : HIGH TEMPERATURE ADHESIVE

CAS number: Mixture

EINECS number: Mixture

Contains: Alkaline Silicate Glass Solution.

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Remove contact lenses In case of eye contact flush abundantly with water; have eye bath available. Do not rub eyes. Bathe the eye with running water for 15 minutes. Keep eye wash facilities close to hand

Ingestion: Wash out mouth with water.

Inhalation: Not applicable.

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: The eyes may water profusely. There may be irritation and pain.

Ingestion: There may be irritation of the throat.

Inhalation: Not applicable.

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.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Not applicable.

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

[cont...]
### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

### 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:** Wash the spillage site with large amounts of water.

### 6.4. Reference to other sections

Section 7: Handling and storage

#### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

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

**Storage conditions:** Store in a cool, well ventilated area.

**Suitable packaging:** Must only be kept in original packaging.

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

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:** Local exhaust ventilation if solution is sprayed. Ensure good work practices. Wash splashes immediately. DO NOT eat, drink or smoke in the workplace.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective 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:** Paste
- **Colour:** Off-white
- **Odour:** Odourless
- **Evaporation rate:** Slow
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Oxidising: Non-oxidising (by EC criteria)
Solubility in water: Binder soluble in water/filler insoluble
Viscosity: Viscous
Relative density: 1.5-2.5
pH: >11.0
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: 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: Not applicable.

Section 11: Toxicological information

11.1. Information on toxicological effects
Toxicity values: No data available.

Symptoms / routes of exposure
Skin contact: There may be mild irritation at the site of contact.
Eye contact: The eyes may water profusely. There may be irritation and pain.
Ingestion: There may be irritation of the throat.
Inhalation: Not applicable.

Section 12: Ecological information

12.1. Toxicity
Ecotoxicity values: No data available.

12.2. Persistence and degradability
Persistence and degradability: Soluble Silicates upon dilution rapidly depolymerise into molecular species indistinguishable from natural dissolved silica. Inert and remains stable over time.
[cont...]
12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Not applicable.

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

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

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: All the alkali silicates, even those that are not classified as Dangerous Substances, are alkaline chemicals. Therefore contact with eyes, skin and clothes should be avoided and the usual procedures for handling all chemicals should be followed.

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

Shelf life - 12 months

This product is ROHS compliant.

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.