

Material Safety Data Sheet in accordance with 91/155 EC

Company: <i>Rockwool Limited, Pencoed, Bridgend, CF35 6NY</i>	
Trade name: Rockwool	Product name: Rockwool FirePro Glue
Revised on: 7 July 2003	Replaces issue: new data sheet
Authorised by: N Ralph	

1 Chemical product and company identification

- 1.1 Generic product details: sodium silicate based glue
- 1.2 Application: Rockwool FirePro Glue is used in conjunction with Rockwool FirePro fire protection systems as detailed by relevant FirePro product data sheets
- 1.3 Company address: ROCKWOOL Limited
Pencoed
Bridgend
CF35 6NY
- 1.4 If further information is required, please telephone or fax ROCKWOOL Limited. Tel: 01656 862 621 Fax: 01656 862 302

2 Composition/information on ingredients

Preparation containing sodium silicate and mineral filler

Table 1

Name	EINECS-No.	Contents	Classification	R-phrases
Sodium silicate solution	215-687-4	30-60%	X _i	R:36/37/38

See section 16 for description of R-Phrases.

3 Hazards identification

- 3.1 Irritating to eyes, respiratory system and skin.

4 First-aid measures

- 4.1 General: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
- After inhalation: Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.
- After ingestion: DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately!
- After skin contact: Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.
- After eye contact: Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 Fire-fighting measures

- 5.1 Suitable extinguishing media: use fire-extinguishing methods appropriate to surrounding fire.
- 5.2 Special fire fighting procedures: Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and watercourses. Dyke for water control.

6 Accidental release measures

- 6.1 Spill clean up methods: Clean-up personnel should use respiratory and/or liquid contact protection. Absorb in vermiculite, dry sand or earth and place into containers.

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7	Handling and storage
7.1	Usage precautions: Avoid spilling. Avoid skin and eye contact. Storage precautions: Keep in cool, dry and ventilated storage in closed containers. Keep in original container.
8	Exposure controls/personal protection
8.1	Ingredient comments: No exposure limits noted for ingredient(s)
8.2	Ventilation: Ensure work area is well ventilated Hand protection : Use protective gloves Eye protection: Wear approved safety goggles Other protection: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
8.3	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking or using the lavatory. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material.
9	Physical and chemical properties
9.1	Appearance: viscose paste
9.2	Colour: off-white
9.3	Odour/taste: no characteristic odour
9.4	Density/specific gravity (g/ml): 1.70 to 1.71, temperature 20°C
9.5	pH-value, conc. solution: 11 to 12
9.6	Viscosity (interval): 18,000 to 20,000 cps, temperature 20°C
10	Stability and reactivity information
10.1	Stability: normally stable.
10.2	Conditions to avoid: may react with aluminium, zinc and alloys to produce hydrogen gas. Avoid contact with strong acids.
11	Toxicological information
11.1	Health hazards, general: Primary hazard is alkalinity of sodium silicate solution and its irritant effect on body tissues.
11.2	Inhalation: Irritating to respiratory system
11.3	Ingestion: May cause stomach pain or vomiting
11.4	Skin: Irritating to skin
11.5	Eyes: Irritating to eyes
12	Ecological information
12.1	The alkalinity of this material will have a local effect on ecosystems sensitive to changes in pH.
13	Disposal considerations
13.1	Dispose of in accordance with Local Authority requirements.
14	Transport information
14.1	ADR class: Not classified for transportation
14.2	Road transport notes: Not classified
14.3	Rail transport notes: Not classified
14.4	Sea transport notes: Not classified
14.5	Air transport notes: Not classified

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15 Regulatory information

15.1 Label for supply



15.2 Risk phrases:

R36 irritating to eyes
R37 irritating to respiratory system
R38 irritating to skin

15.3 Safety phrases:

S2 Keep out of the reach of children
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S46 If swallowed, seek medical advice immediately and show this container or label
S-51 Use only in well-ventilated areas
S-56 Dispose of this material and its container at hazardous or special waste collection point

15.4 Statutory instruments:

The Chemicals (Hazard Information and Packaging for Supply) Regulations - 'CHIP'.
Control of Substances Hazardous to Health - 'COSHH'.

15.5 Approved code of Practice:

Classification and Labeling of Substances and Preparation Dangerous for Supply.

Guidance Notes:

Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16 Further information

16.1 Information sources: Dangerous Properties of Industrial Materials Report, N.Sax et.al

16.2 This information is accurate to the best knowledge of Rockwool Limited and is given on the understanding that the product will be used in accordance with any instructions given with the product.

Should any use be contemplated outside these instructions, the appropriate advice should be sought.

This information reflects typical values and is not a product specification. No warranty expressed or implied is hereby made.

This materials safety data sheet does not constitute an assessment of workplace risk.

