

# Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Firehalt High Temperature Adhesive  
Product No: FIR-ACC-HT-ADH  
Version: 1

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Print date:  
Revision date: 16/05/2017

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

**Product identifier:** FIR-ACC-HT-ADH

**Application of the material:** Fire Barrier Adhesive  
**Substance name:** Firehalt High Temperature Adhesive

**Details of the supplier of the safety data sheet:**

<b>Supplier:</b>	Culimeta-Saveguard Ltd
<b>Address:</b>	Tame Valley Mill, Wainwright St, Dukinfield, Cheshire, SK16 5NB
<b>Information Contact:</b>	Quality Management
<b>E-Mail (competent person)</b>	<a href="mailto:rlatherbarrow@culimeta-saveguard.com">rlatherbarrow@culimeta-saveguard.com</a>
<b>Emergency Telephone No:</b>	0161 344 2484

## SECTION 2: Hazards identification

**Classification of the mixture:**

**Regulation EC 1272/2008:**

**Physical and chemical hazards:** Not classified  
**Human Health:** Not classified  
**Environment:** Not classified

**Regulation 1999/45/EC:**

Alkaline

**Label elements:**

**Regulation EC 1272/2008:**

**Signal word:** None

**Hazard Statements:** None

**Precautionary statements:** P280: Wear protective gloves/protective clothing/eye protection/face protection  
P302+352: If on skin-wash with plenty of soap and water  
P305+351+338: If in eyes-rinse continuously with water for several Minutes. Remove contact lenses if present and easy to

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 Do. Continue rinsing.

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**P332+313: If skin irritation occurs-get medical advice/attention**

Regulation 1999/45/EC:

**Safety phrases S2-Keep out of reach of children**  
**S26-In case of contact with eyes rinse immediately with plenty of water and seek Medical advice**

## SECTION 3: Composition/information on ingredients

Ingredient	CAS No	EC No	REACH registration No	Classification according to 67/548/EEC	Classification according to (EC)1278/2008	%W/W
Silicic acid Sodium salt (MR>3.2)	1344-09-8	215-687-4	01-2119448725-31-xxxx	Xi;R36;R37; R38	Skin irrit 2-H315 Eye irrit 2-H319 STOT SE3-H335	10-20%
Clay cont. <10% resp. Silica	N/A	934-756-6	Not applicable (Silica)	STOT RE 2	STOT RE 2	15-25%

The classification of the ingredient silicic acid, sodium salt is based on the powder form

\*For full text of R-phrases and hazard statements see section 16.

## SECTION 4: First aid measures

**General:** In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**Skin contact:** Wash skin thoroughly with soap and water or a recognised skin cleaner. Do not use solvent or thinners. Seek medical attention if irritation persists

**Eye Contact:** Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 mins holding eyelids apart, and seek medical advice.

**Ingestion:** If accidentally swallowed wash mouth with water and give large volumes of water to drink. Do not induce vomiting. Seek medical attention

**Inhalation:** possible discomfort

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## Most important symptoms and effects

**Skin contact:** Prolonged contact may cause redness, irritation and dry skin

**Eye contact:** May affect vision and cause serious eye damage

**Ingestion:** Possible discomfort

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## SECTION 5: Firefighting measures

The liquid product is 'non-flammable'

**Extinguishing Media:** Foam, CO<sub>2</sub>, powder, water spray/mist

**Special Hazards:** None. Aqueous product-non-combustible

**Advice for firefighters:** Do not allow run off from firefighting to enter drains or water courses

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## SECTION 6: Accidental release measures

**Personal precautions and protective equipment:** Avoid skin and eye contact. Wear personal protective equipment

**Environmental precautions:** Do not allow to enter drains or water courses

**Method for containment and clean up:** Contain and collect spillages and place in a suitable container for disposal in accordance with the waste regulations (See section 13)

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## SECTION 7: Handling and storage

### Precautions for safe handling

**Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited during use. For personal protection see section 8.**

**The manual handling operations regulations may apply to the handling of containers/packages of this product. In order to calculate the weight of any pack size, multiply the volume in litres by the specific gravity value given in section 9. This will give the net weight of the product in kilograms.**

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**Precautions for safe storage: Keep containers closed when not in use. Observe label precautions-store between 5°C and 25°C in a dry well-ventilated place away from sources of heat. Protect from frost. Keep out of reach of children. Store separately from oxidising agents and strongly acidic materials.**

## SECTION 8: Exposure controls/personal protection

Exposure limits:

Substance	Occupational Exposure Limits				Notations
	8hr LTEL (1)		15min STEL (2)		
	ppm	mgm <sup>-3</sup>	ppm	mgm <sup>-3</sup>	
Respirable Silica		0.1			

- (1) Long-term exposure limit - 8 hour time weighted average.
- (2) Short-term exposure limit – 15 mins time weighted average
- (S) Occupational Exposure Standard (OES)
- (M) Maximum Exposure Limit (MEL)

Exposure Controls:

**Engineering Measures: Provide adequate ventilation during application and drying**

**Respiratory equipment: if ventilation is insufficient suitable respiratory protective equipment must be worn**

**Skin and hand protection: Wear suitable protective clothing and plastic or rubber gloves**

**Eye protection: Eye protection designed to protect against liquid splashes should be worn**

**Hygiene measures: When using do not eat drink or smoke. Wash hands before eating, drinking, smoking or using the toilet.**

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## SECTION 9. | Physical and chemical properties

**Physical State:** Viscous paste

**Odour:** Odourless

**Flash point:** >100°C

**Specific Gravity:** 1.8-1.9 @ 20°C

**Solubility:** Miscible with water

**p H:** 10-11

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## SECTION 10. Stability and Reactivity

**Reactivity:** No data available

**Chemical stability:** Stable under normal temperature and storage conditions.

**Possibility of hazardous reactions:** Slurry of the product can react with aluminium, zinc, tin or their alloys evolving hydrogen. Can react generating large amount of heat in contact with strong acids.

**Conditions to avoid:** See section 10

**Incompatible materials:** See section 10

**Hazardous decomposition products:** None known

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## SECTION 11. Toxicological information

**Information on Toxicological effects:**

**There is no data available on the product itself**

**The product has been assessed according to regulation (EC) 1272/2008 and is not classified as toxic.**

**Ingestion: May cause discomfort if swallowed. May cause stomach pain**

**Skin contact: Irritating to skin**

**Eye Contact: Risk of serious damage to eyes**

**Sensitisation: Not sensitizing**

**STOT: Not classified**

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## SECTION 12. Ecological information

**Ecotoxicity: Not regarded as dangerous for the environment.**

**Persistence and degradeability: The product is inorganic and is not biodegradeable**

**Bio accumulative potential: The product is not bio accumulating**

**Mobility in soil: Not mobile**

**Results of PBT and vPvB assessment: Not classified as PBT/vPvB**

**Other adverse effects: Not available**

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## SECTION 13. Disposal considerations

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**Waste treatment methods: Dispose of this material as hazardous or special waste in accordance with local or national requirements**

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## SECTION 14. Transport information

**This product is covered by international regulations on the transport of dangerous goods**

**UN Number: N/A**

**Proper shipping name: N/A**

**Transport hazard class: N/A**

**Packing group: N/A**

**Environmental hazards: Not classed as marine pollutant**

**Special precautions for users: N/A**

**Transport in bulk according to annex II of MARPOL 73/78 and the IBC code: N/A**

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## SECTION 15. Regulatory information

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**Chemical (Hazard Information and Packaging for Supply) (Amendment) Regulations 2009**

**Control of Substances Hazardous to Health Regulations 1999**

**Environmental Act 1995**

**Management of Health and Safety at work Regulations 1999**

**Personal Protective Equipment at Work Regulations 1992**

**Special Waste Regulations 1996 as amended**

**Health and Safety Executive Guidance Notes:**

**HS(G)37: An Introduction to Local Exhaust Ventilation**

**EH40: Occupational Exposure Limits**

**EH44: Dust-General Principles of Protection**

**HS(G)53: The Selection, Use and Maintenance of Respiratory Protective Equipment**

**HS(G)71: Storage of Packaged Dangerous Substances**

**HS(G)193: COSHH Essentials: Easy steps to control chemicals**

**L23: Manual Handling Guidance on Regulations**

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## British Standards Publications

EN420: General Requirements for Gloves  
EN166: Personal Eye Protection: Specifications  
BS2092: Eye Protection for Industrial and Non-Industrial Users  
BS4275: Recommendations for the Selection, Use and Maintenance of Respiratory Protective Equipment

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## SECTION 16. Other information

Symbols and text of the R Phrases in section 3:  
R36/37/38 Irritating to eyes, respiratory system and skin

STOT SE 3: Specific target organ toxicity - single exposure category 3

H315: causes skin irritation  
H319: causes serious eye irritation  
H335: may cause respiratory irritation

The information contained in the Health and Safety Data sheet is provided in accordance with the requirements of (EC) Regulations 1272/2008 (CLP). The product should not be used for purposes other than those identified without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation complied with. This information contained in the safety datasheet is based on present knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular application