

SAFETY DATA SHEET

(Following Regulations (EC) No 1907/2006 & (EC) No 1272/2008)

SDS Number: 1018 Date of first issue: Date of last revision: 21 February 2022

RCF

1 - Identification of product

1.1 - Identification of Product

Tradenames: Super Stic-Tite,

The above mentioned product is a high temperature adhesive

1.2 - Use of Product

Applications for this product include high temperature adhesive, product should be applied by means of a paint brush or roller

1.3 - Identification of Company

U.K. THERMAL CERAMICS LIMITED

Tebay Road, Bromborough Wirral, Merseyside CH62 3PH Tel.: +44 (0) 151 334 4030 Fax: +44 (0) 151 334 1684

Website

 $www.morgan thermal ceramics.com\\ sds.tc@morgan plc.com$

1.4 - Emergency information

Tel: + 44 (0) 7931 963 973 Language: English

Opening hours: Only available during office hours

2 - Hazard Identification

2.1 - Classification of the substance/ mixture

CLASSIFICATION ACCORDING TO DIRECTIVE 1999/45/EEC Classified as a irritant to skin and eyes.

2.2 - Labelling Elements

Symbol: Xi - Irritant

Risk Phrases: R36\38 Irritating to eyes and skin

Safety Phrases: S 26 After eye contact rinse open eye with running water; consult a doctor

S 27 Take off dirty clothing immediately

S 28 After skin contact wash thoroughly with water

S 37/39 Wear suitable safety gloves and goggles/face protection at work

2.3 - Other hazards which do not result in classification

3 - Composition / Information On Ingredients

 $SiO_2 = 34,55\%$; $AI_2O_3 = 8,41\%$; $Fe_2O_3 = 0,26\%$;

MgO = 0,02%; CaO = 0,02%; $K_2O = 0,27\%$;

 $Na_2O = 6,65\%$; $H_2O = 49,82\%$

None of the components are radioactive under the terms of European Directive Euratom 96/29.

4 - First-Aid measures

4.1 - Description of First Aid Measures.

Skin

In case of skin irritation rinse affected areas with water and wash gently. Do not rub or scratch exposed skin.

Eyes

In case of eye contact flush abundantly with water; have eye bath available. Do not rub eyes. Seek medical attention is irritation persists.

Nose and Throat

If these become irritated move to a dust free area, drink water and blow nose. Seek medical attention if irritation persists.

If symptoms persist, seek medical advice.

4.2 - Most Important symptoms and effects, both acute and delayed

4.3 - Indication of any immediate medical attention and special treatment required

5 - Fire-fighting measures

5.1 - Extinguishing media

Non-combustible products. Fire protection class: 0

Packaging and surrounding materials could be combustible.

Use extinguishing agent suitable for surrounding combustible materials.

5.2 - Special hazards arising from the substance or mixture

5.3 - Advice for firefighters

6 - Accidental Release Measures

6.1 - Personal precautions, protective equipment and emergency procedures

Wear suitable goggles, gloves and protective clothing.

6.2 - Environmental precautions

Do not flush spillage to drain and prevent from entering natural watercourses.

For waste disposal refer to section 13

6.3 - Methods and materials for containment and clean up

Contain spillage, absorb in earth or sand and shovel into suitable containers

6.4 - Reference to other sections

7 - Handling and storage

7.1 - Precautions for safe handling

Do not handle wet product with bare hands. The process or processes should be designed to limit the amount of handling. Regular good housekeeping will minimise secondary dispersal.

7.2 - Conditions for safe storage

These products should be kept dry and cool, and containers should be re-sealed after use.

Avoid damaging the packaging.

7.3 - Specific end use

Please refer to your local Morgan Thermal Ceramics' supplier.

8 - Risk Management Measures / Exposures Controls / Personal Protection

8.1 - Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Information on monitoring procedures

8.2 - Exposure controls

Review your applications in order to identify potential sources of exposure. If necessary, conduct personal air monitoring. Use technical and/or organisational means to comply with regulations.

8.2.2 - Personal Protective Equipment

Skin Protection

Use of gloves and work clothes is recommended.

Eye Protection

Wear safety glasses

Respiratory Protection

Use appropriate respiratory protective equipment (RPE) if necessary.

Information and Training of workers

Workers should be informed on:

• The requirements for the use of protective equipment and clothing.

Workers should be trained on:

• The proper use of protective equipment

8.2.3 - Environmental Exposure Controls

Refer to local, national or European applicable environmental standards for release to air water and soil.

For waste, refer to section13

9 - Physical and chemical properties

Information on basic physical and chemical properties Not applicable State Beige Liquid Colour Not applicable Odour None **Odour threshold** Not applicable рΗ Melting point/freezing point Not applicable Initial boiling point and boiling point range Approx. 100°C Flash point Not applicable **Evaporation rate** Not applicable Flammability (solid, gas) Not applicable Upper/lower flammability or explosive limits Not applicable Vapour pressure

Not applicable Vapour density Not applicable Relative density 1500 kg/m³ @ 20°C Solubility(ies) Miscible with water Partition co-efficient: n-octanol/water Not applicable Not applicable Auto-ignition temperature Not applicable **Decomposition temperature** Viscosity Not applicable **Particle Characteristics** Not applicable **Explosive properties** Not applicable Not applicable Oxidising properties

10 - Stability and Reactivity

10.1 - Reactivity

The material is stable and non reactive.

10.2 - Chemical Stability

The product is inorganic, stable and inert

10.3 - Possibility of Hazardous Reactions

None

10.4 - Conditions to Avoid

Please refer to handling and storage advice in Section 7

10.5 - Incompatible Materials

light metal and LM-alloys

10.6 - Hazardous decomposition products

None

11 - Toxicological information

Toxicokinetics, metabolism and distribution

Primary route of exposure is skin contact, as product is a skin irritant protective equipment should be provided.

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute Toxicity:

 Primary irritation:
 Skin LD 50

Skin LD 50
Unknown
Unknown

Additional toxicological information: In case of eye contact rinse with plenty of water

Unknown

12 - Ecological information

· Sensitization:

12.1 - Toxicity

These products are inert materials that remain stable overtime. No adverse effects of this material on the environment are anticipated.

12.2 - Persistence and degradability

12.3 - Bioaccumulative potential

12.4 - Mobility in soil

12.5 - Results of PBT and vPvB assessment

12.6 - Endocrine Disrupting Properties

12.7 - Other adverse effects

13 - Disposal Considerations

Waste from these materials may be generally disposed off at a landfill, which has been licensed for this purpose. Please refer to the European list (Decision N° 2000/532/CE as modified) to identify your appropriate waste number, and insure national and/or regional regulations are complied with.

Unless wetted, such a waste is normally dusty and so should be properly sealed in containers for disposal. At some authorised disposal sites, dusty waste may be treated differently in order to ensure they are dealt with promptly to avoid them being windblown. Check for any national and/or regional regulations, which may apply.

14 - Transport information

Not classified as dangerous goods under relevant international transport regulations (ADR, RID, IATA, IMDG, ADN).

Definitions:

ADR Transport by road, council directive 94/55/EC IMDG Regulations relating to transport by sea RID Transport by rail, Council Directive 96/49/EC ICAO/IATA Regulations relating to transport by air

ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

15 - Regulatory information

15.1 - Safety health and environment regulations/legislation specific for the substances or mixtures

EU regulations:

- Regulation (EC) No 1907/2006 dated 18th December 2006 on Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Regulation (EC) No 1272/2008 dated 20th January 2009 on classification, labelling and packaging of substances and mixtures (OJ L 353)
- Annex of Regulation (EU) 2015/830
- Commission regulation (ÉC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.
- The 1st Adaptation to Technical Progress (ATP) to Regulation (EC) No 1272/2008 enters into force on 25 September 2009.

PROTECTION OF WORKERS

Shall be in accordance with several European Directives as amended and their implementations by the Member States:

- a) Council Directive 89/391/EEC dated 12 June 1989 "on the introduction of measures to encourage improvements in the safety and health of workers at work" (OJEC (Official Journal of the European Community) L 183 of 29 June 1989, p.1).
- b) Council Directive 98/24/EC dated 7 April 1998 "on the protection of workers from the risks related to chemical agents at work" (OJEC L 131 of 5 May 1998, p.11).

OTHER POSSIBLE REGULATIONS

Member States are in charge of implementing European Directives into their own national regulation within a period of time normally given in the Directive. Member States may impose more stringent requirements. Please always refer to any national regulation.

15.2 - Chemical Safety Assessment

Chemical Safety Reports have been requested from suppliers, as soon as this information is available it will be shared with downstream users.

16 - Other Information

For more information connect to:

The Morgan Thermal Ceramics' website: (http://www.morganthermalceramics.com/)

Or ECFIA's website: (http://www.ecfia.eu)

Revision Summary

Technical data sheets

NOTICE:

The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However safe as provided by law, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorisation given or implied to practice any patented invention without a licence. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product (however, this shall not act to restrict the vendor's potential liability for negligence or under statute).