



## SAFETY DATA SHEET

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

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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

IDENTIFICATION OF THE MANUFACTURER/SUPPLIER

Murugappa Morgan Thermal Ceramics Ltd.,  
Plot No: 26 & 27, SIPCOT Industrial complex,  
Ranipet, Vellore District, Tamil Nadu, India  
Pin: 632403

Murugappa Morgan Thermal Ceramics Ltd.,  
Plot No: 681, Motibhoyan Village,  
Sanand-Kalol state Highway, Kalol Taluk,  
Gandhi Nagar District, Gujarat, India

#### Website

www.morganthermalceramics.com  
sds.tc@morganplc.com

#### 1.4 - Emergency information

EMERGENCY CONTACT NUMBER

Tel 1: +91 (4172) 244 313 extn no. 215 or 201  
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<sub>2</sub> = 34,55%; Al<sub>2</sub>O<sub>3</sub> = 8,41%; Fe<sub>2</sub>O<sub>3</sub> = 0,26%;

MgO = 0,02%; CaO = 0,02%; K<sub>2</sub>O = 0,27%;

Na<sub>2</sub>O = 6,65%; H<sub>2</sub>O = 49,82%

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

## 4 - 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 if 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 section 13

## 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
pH	10
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/m <sup>3</sup> @ 20°C
Solubility(ies)	Miscible with water
Partition co-efficient: n-octanol/water	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not Applicable
Viscosity	Not Applicable
Other safety information	No further relevant information available.
Particle Characteristics	Not applicable
Explosive properties	Not applicable
Oxidising properties	Not applicable

## 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:     |            | None            |
| • Primary irritation: | oral LD 50 | Rat: 3400 mg/kg |
|                       | Skin LD 50 | Unknown         |
|                       | Inhalation | Unknown         |
| • Sensitization:      |            | Unknown         |

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

## 12 - Ecological information

### 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

### 13.1 - Disposal Considerations

To prevent waste materials from becoming airborne during waste storage, transportation and disposal, a covered container or plastic bagging is recommended.

For Australia, waste from these materials should be considered as hazardous waste and local waste authorities should be contacted for correct disposal methods.

For other countries, waste from these materials (even after use above 900°C) is not classified as hazardous waste and may generally be disposed of at a normal tipping site which has been licensed for the disposal of industrial waste. Taking into account any possible contamination during use, which may be classified as hazardous, expert guidance should be sought.

Such a waste is normally dusty (unless wetted) and so should be properly bagged and clearly labelled for disposal. At some tip sites dusty waste may be treated differently in order to ensure they are dealt with promptly and to avoid them being windblown. Check for national and /or regional regulations to identify all applicable disposal requirements.

## 14 - Transport information

### 14.1 - Transport information

Not classified as dangerous goods under relevant international transport regulations (Australian DG Code, ADR, RID, IATA, and IMDG). Ensure that dust is not windblown during transportation.

UN Number None Allocated  
DG Class None Allocated  
Subsidiary risk(s) None Allocated  
Packing Group None Allocated  
Hazchem Code None Allocated

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 - Regulatory information

This SDS has been prepared in accordance with WHO GHS rev. 6 requirements. Where applicable, local regulations have been followed.

## 16 - Other Information

### 16.1 - ADDITIONAL INFORMATION AND PRECAUTIONS TO BE CONSIDERED UPON REMOVAL OF AFTER SERVICE MATERIAL

### 16.2 - uses advised against

### 16.3 - NOTE

This Safety Data Sheet was originally produced in English and has subsequently been translated in to other languages; whilst every effort has been made to make this an accurate translation, please be aware that technical terms do not always translate correctly. The English version should always be considered as the reference version.

### 16.4 - Further Information

FURTHER INFORMATION  
Further information can be found on  
<http://www.morganthermalceramics.com/>  
<http://www.cdc.gov/niosh/docs/2006-123/>  
<http://www.ecfia.eu/>  
[http://echa.europa.eu/chem\\_data/authorisation\\_process/candidate\\_list\\_obligations\\_en.asp](http://echa.europa.eu/chem_data/authorisation_process/candidate_list_obligations_en.asp)

### 16.5 - Technical Datasheets

#### TECHNICAL DATA SHEETS

For more information on individual products please see the technical data sheet section at [www.morganthermalceramics.com](http://www.morganthermalceramics.com)

### 16.6 - Revision Summary

### 16.7 - NOTICE

The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, 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 authorization given or implied to practice any patented invention without a license. 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.