

GTEC FIRE RATED SILICONE SEALANT

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND COMPANY

GTEC Fire Rated Silicone Sealant

Supplier:
Siniat Limited
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Easton-in-Gordano
Bristol BS20 0NF

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2. HAZARDS IDENTIFICATION

This product does not have a workplace exposure limit. The product does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC

3. COMPOSITION/ INFORMATION OF INGREDIENTS

Hazardous ingredients:

METHYL TRIMETHOXYSILANE 1-10%

CAS: 1185-55-3

[F] R11; [Xi] R36/38

TRIMETHOXYVINYL SILANE 1-10%

CAS: 2768-02-7

[-] R10; [Xn] R20

METHANOL <1%

EINECS: 200-659-6 CAS: 67-56-1

[F] R11; [T] R23/24/25; [T] R39/23/24/25

Contains:

Mixture of polydimethylsiloxanes, fillers and cross linkers

4. FIRST AID MEASURES

Inhalation:

Seek immediate medical attention.

Skin contact:

Wash immediately with plenty of soap and water.

Eye contact:

Bathe the eye with running water for 15 minutes

Ingestion:

Wash out mouth with water

Please note: Should any symptoms persist obtain medical assistance.

5. FIRE FIGHTING MEASURES

Exposure hazards:

In combustion emits toxic fumes

Suitable extinguishing media:

Suitable extinguishing media for the surrounding fire should be used

Protection of fire-fighters:

Wear self-contained breathing apparatus.

Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Do not discharge into drains or rivers

Use copious amounts of water to hose away any residue.

7. HANDLING AND STORAGE

When handling the product, wear impervious gloves (e.g. PVC)

Ensure there is sufficient ventilation of the area

Store in dry conditions from 5o – 30°C away from direct sunlight and clear of the ground. Protect from freezing.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Hazardous ingredients:

METHANOL

UK - 8 hour TWA: 266 mg/m³

UK - 15 min. STEL: 333 mg/m³

GTEC FIRE RATED SILICONE SEALANT**8. EXPOSURE CONTROLS/ PERSONAL PROTECTION (CONTINUED)***Engineering measures:*

Ensure there is sufficient ventilation of the area

Respiratory protection:

Gas/vapour filter, type A: organic vapours (EN141). must be worn if vapour concentration is above OES or if ventilation is poor

Hand protection:

Protective gloves.

Eye protection:

Safety glasses. Ensure eye bath is to hand.

Skin protection:

Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White thixotropic paste

pH: N/A

Viscosity: Highly viscous

Specific gravity: 1.35 at 20OC

Solubility in water: Insoluble

Odour: Barely perceptible odour

10. STABILITY AND REACTIVITY

Stable under normal conditions.

Conditions to avoid:

Heat. Sources of ignition

Materials to avoid:

Strong oxidizing agents. Strong acids

Shelf life:

12 months stored internally between 5°C and 30°

11. TOXICOLOGICAL EFFECTS*Skin contact:*

There may be mild irritation at the site of contact.

Eye contact:

There may be irritation and redness.

Ingestion:

There may be irritation of the throat.

Inhalation:

There may be irritation of the throat with a feeling of tightness in the chest.

12. ECOLOGICAL INFORMATION

Product not expected to cause harm to animals or plants.

Do not allow to enter drains because of the danger of blockage.

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local regulations. Waste products are not hazardous.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

15. REGULATORY INFORMATION

Not applicable. Non-hazardous

GTEC FIRE RATED SILICONE SEALANT**16. OTHER INFORMATION**

Risk phrases used in section 2:

R11: Highly flammable.

R36/38: Irritating to eyes and skin.

R10: Flammable.

R20: Harmful by inhalation.

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

This product is only intended for use as defined within current Siniat literature, please contact our Technical SERVICES for further information.

This data sheet does not replace the users' own work place risk assessment.

This safety data sheet:

The user should be satisfied that the information data sheet is the current version, to confirm please telephone Siniat Technical Services.

Based on our current best of knowledge and is intended to define our products with regards to the health and safety position.

It is not intended for the purpose of precise product specification or warranty.

SDS Revision history:

VERSION	DATE	REVISION
1.0	09/07/2015	First Siniat Issue
1.1	18/08/2015	Points 2 and 3 reversed Added version control & revision history Added emergency telephone opening hours.