

## 1. PRODUCT AND COMPANY IDENTIFICATION

1.01 Product Code:	MSDSTHM097
1.02 Product Name:	Thermakote Thermalmix 150 Micron
1.03 Synonyms:	Thermakote Thermalmix Insulating Paint Additive Ceramic Microsphere
1.04 Intended Use:	A paint additive to make paint insulate. Application is usually by brush, roller or spray.
1.05 Manufacturer/Supplier:	Thermakote Limited
1.06 Address:	Rosemount Estate Huddersfield Road Elland WEST YORKSHIRE HX5 0EE
1.07 Contact:	Operations Manager
1.08 Phone Number:	+44 (0)845 313 8681
1.09 Fax Number:	+44 (0)845 313 8682
1.10 Emergency Phone Number:	+44 (0)845 313 8681
1.11 (REFERENCE TO DIRECTIVE 911155/EEC)	

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

2.01 Composition:	Hollow Microsphere of Alumino Silicate.
2.2 Hazardous Ingredients:	N/A
2.3 Classification Symbol:	N/A
2.4 Particle Size Range:	150 UM PASSING THROUGH 99,5% MIN.

## 3. HAZARDOUS IDENTIFICATION

3.01 The lightweight nature of the material can result in air borne dust if spillage occurs. This in turn can lead to severe eye irritation.

## 4. FIRST AID MEASURES

4.01 Eye Contact:	Wash eyes copiously with clean water. And if irritations persists seek medical advice.
4.02 Skin Contact:	Remove from skin by washing thoroughly with soap and water.
4.03 Inhalation:	Remove from exposure.
4.04 Ingestion:	If ingested, drink plenty of water and seek medical advice.

## 5. FIRE FIGHTING MEASURES

5.01 Material is non-combustible and produces no hazardous products in a fire station.

## 6. ACCIDENTAL RELEASE MEASURES

6.01 Wear eye and respiratory protection. Alert neighborhood of possible eye and respiratory irritation risk.  
Spillages should be dampened with water and brushed up.

## 7. HANDLING & STORAGE

7.01 Handling:	Product should be handled in a manner to avoid the generation of dust.
7.02 Storage:	Product should be stored in closed containers, bags etc.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.01 Respiratory Protection: Respiratory protection must be worn to provide a minimum nominal protection factor (NPF) of 10 (BS4275).
- 8.02 Hand Protection: Wear Chromed cotton gloves.
- 8.03 Eye Protection: Wear eye protection complying with (BS2092).
- 8.04 Skin Protection: Wearing of gloves, overalls.
- 8.05 Boots and helmets is advised.

## 9. PHYSICAL & CHEMICAL PROPERTIES

- 9.01 Form: Solid, fine particle powder.
- 9.02 Colour: Off White
- 9.03 Bulk Density: 0.30 ± 0.10
- 9.04 Specific Gravity: 0.50 ± 0.10 g/cc
- 9.05 Melting Point: 1500 – 1700 C
- 9.06 Boiling Point: N/A
- 9.07 Flash Point: N/A
- 9.08 Flammability: Non-Flammable
- 9.09 Autoflammability: N/A
- 9.10 Explosive Properties: NONE
- 9.11 Vapour Pressure: N/A
- 9.12 Solubility: Negligible in water and solvents
- 9.13 Partition of Coefficient: N/A

## 10. STABILITY & REACTIVITY

- 10.01 Conditions to Avoid: None
- 10.02 Materials to Avoid: None
- 10.03 Hazardous Decomposition Products: None
- 10.04 Further Information: None

## 11. TOXICOLOGICAL INFORMATION

- 11.01 Acute Oral: Material may contain up to 5% Crystalline
- 11.02 Toxicity: Silica although levels are typically low. Crystalline Silica is considered a possible cause of Silicosis and Lung Cancer. The absence of particles below 5 microns results in the classification of cenospheres as a nuisance dust but care should be taken to avoid milling or grinding which may generate respirable particles.

## 12. ECOLOGICAL INFORMATION

- 12.01 Environmentally benign.

## 13. DISPOSAL CONSIDERATION

- 13.01 Dispose of in sealed bags to a general industrial waste site.

## 14. TRANSPORT INFORMATION

- 14.01 GGVSee/IMDG Code: N/A
- 14.02 GGVE/GGVS: N/A
- 14.03 UN Number: N/A
- 14.04 RID/ADR: N/A
- 14.05 ICAO/IATA-DGR: not restricted under IATA regulations
- 14.06 ADNR: N/A

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## 15. REGULATORY INFORMATION

15.01 No specific provisions. User should refer to any national measures that may be relevant.

## 16. OTHER INFORMATION

This information should be used as a supplement to other information obtained to make independent judgement of suitability and to ensure proper use and protect the health and safety of employees.

Judgements as to the suitability of the information herein for the purchaser's purposes are necessarily purchaser's responsibility. Therefore although reasonable care has been taken in the preparation of such information, Thermakote extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to purchasers intended purpose or for consequences of its use.

Prepared by Thermakote Limited

Dated: 13th July 2011

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This Material Safety Data Sheet supersedes all other previously dated sheets for this product.

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