



THERMALMIX

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

- 1.1. Product identifier
Product name: Thermalmix
- 1.2. Relevant identified uses of the substance or mixture and uses advised against. Product use: Thermalmix Insulating Paint Additive used in water based or solvent based coatings for exterior and interior.
- 1.3. Details of the supplier of the safety data sheet: Thermilate Technologies Ltd.
Unit 48
Birds Royd Lane
BRIGHOUSE
West Yorkshire
HD6 1NG
0845 680 6124
www.thermilate.com
- E-mail address of person Responsible for this SDS: info@thermilate.com
- 1.4 Emergency telephone number Telephone number: 0845 680 6124
- Version: 4
- Date of previous issue: 01-12-2016

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture
Classification (REGULATION (EC) No 1272/2008)
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
Classification (67/548/EEC, 1999/45/EC)
Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.
- 2.2 Label elements
Labelling (REGULATION (EC) No 1272/2008)
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
Additional Labelling:
Contains: Ashes (residues), cenospheres Labelling according to EC Directives: 1999/45/EC
The product does not need to be labelled in accordance with EC directives or respective national laws.
Labelling according to EC Directives:
- 2.3 Other hazards
No information available.



THERMALMIX

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

No dangerous ingredients according to Regulation (EC) No. 1907/2006

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled:

Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.

In case of skin contact:

Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.

In case of eye contact:

Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.

If swallowed:

Clean mouth with water and drink afterwards plenty of water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

4.2 Description of first aid measures

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Special protective actions for fire-fighters:

In the event of fire, wear self-contained breathing apparatus.

Further information:

Standard procedure for chemical fires.



World's No.1 Insulating Paints Coatings and Plasters

THERMALMIX

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions:

Avoid dust formation.

6.2 Environmental precautions

Environmental precautions:

No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up:

Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections not applicable

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling:

For personal protection see section 8. No special handling advice required.

Advice on protection against fire and explosion:

Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

Hygiene measures:

General industrial hygiene practice.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:

Keep container tightly closed in a dry and well-ventilated place.

Advice on common storage:

No special restrictions on storage with other products.

Other data:

No decomposition if stored and applied as directed.

7.3 Specific end use(s)

no data available

SAFETY DATA SHEET

**THMX
8.13**



THERMALMIX

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.2 Exposure controls

Personal protective equipment

| | |
|--|---|
| Eye protection: | Safety glasses |
| Hand protection Other information: | For prolonged or repeated contact use protective gloves. |
| Respiratory protection: | No personal respiratory protective equipment normally required. |
| Environmental exposure controls General advice: | No special environmental precautions required. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|-------------|----------------|
| Appearance: | Coarse powder. |
| Colour: | Grey. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------------------|--------------------------------|
| Odour: | Not significant. |
| pH: | 6,5 - 6,9 |
| Melting point/range: | 1.260 - 1.560 °C |
| Flash point: | does not flash. |
| Upper explosion limit: | upper flammability limit none. |
| Lower explosion limit: | lower flammability limit none. |
| Density: | 0,7 g/cm ³ |
| Bulk density: | 400 kg/m ³ (20 °C) |
| Solubility(ies) Water solubility: | < 0,068 g/l |
| Auto-ignition temperature: | None. |

9.2 Other information

No data available

THERMALMIX

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended storage conditions

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions: No hazards to be specially mentioned.

10.4 Conditions to avoid

Conditions to avoid: Not applicable

10.5 Incompatible materials

Materials to avoid: Not applicable

10.6 Hazardous decomposition products

No data available

SECTION 11: TOXICOLOGICAL INFORMATION (Pt. 1)

11.1 Information on toxicological effects

Acute toxicity

Product:

Acute oral toxicity: No data available.

Acute inhalation toxicity: Not determined.

Acute dermal toxicity: Not applicable.

Acute toxicity

Product:

Not applicable

According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Serious eye damage/eye irritation

Product:

Based on available data, the classification criteria are not met.

According to the classification criteria of the European Union, the product is not considered as being an eye irritant.



World's No.1 Insulating Paints Coatings and Plasters

THERMALMIX

SECTION 11: TOXICOLOGICAL INFORMATION (Pt. 2)

Respiratory or skin sensitisation

Product:

No sensitisation effects are known

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT - single exposure

No data available

Aspiration toxicity

No data available

Further information

Product: No data available

SAFETY DATA

SHEET

**THMX
8.13**



THERMALMIX

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Product:

Toxicity to fish:

Aquatic toxicity is unlikely due to low solubility.

Toxicity to daphnia and other aquatic invertebrates:

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

12.2 Persistence and degradability

Product:

Biodegradability:

The methods for determining biodegradability are not applicable to inorganic substances.

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment:

Not applicable

12.6 Other adverse effects

Product:

Additional ecological information:

There is no data available for this product.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product:

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging:

Empty remaining contents.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION (Pt.1)

14.1 UN number

Not regulated as a dangerous good

14.2 Proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class

Not regulated as a dangerous good



World's No.1 Insulating Paints Coatings and Plasters

THERMALMIX

SECTION 14: TRANSPORT INFORMATION (Pt.2)

- 14.3 Transport hazard class
Not regulated as a dangerous good
- 14.4 Packing group
Not regulated as a dangerous good
- 14.5 Environmental hazards
Not regulated as a dangerous good
- 14.6 Special precautions for user
Remarks: Not classified as dangerous in the meaning of transport regulations.
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Directive 96/82/EC does not apply

SECTION 16: OTHER INFORMATION

Further information

Other information: This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Sources of key data used to compile the Safety Data Sheet: Information taken from reference works and the literature.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Prepared by Thermilate Technologies Ltd

Dated: 01st Nov 2016

Revised: THMX.8.13

Reviewed: 08th Nov 2016

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