In accordance with regulation (EU) 2020/878

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

1.1 product identifier
Name: **Thermofix**

1.2 relevant identified uses of the substance or mixture and used advised against
Refractory glue N/A

1.3 identification of the suppliers
INSULCON N.V.
Haverheidelaan 4
B-9140 TEMSE, Belgium
Tel. : + 32 (0)3 711.02.78
Internet : www.insulcon.com
E-mail : insulconnv@insulcon.com

INSULCON B.V.
The Netherlands
Tel.: +31 (0)167-565750

INSULCON GMBH
Germany
Tel.: +49 (0)2131 408548-0

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
In compliance with EC regulation No. 1272/2008 and its amendments.
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site. This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).
This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements
In compliance with EC regulation No. 1272/2008 and its amendments.
No labelling requirements for this mixture.

2.3. Other hazards
The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006. The mixture does not contains substances> = 0.1% with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2. MIXTURES

Composition :

Identification	(EC) 1272/2008	Note	%
CAS: 1332-58-7 EC: 310-194-1 KAOLIN		(1)	25 <= x % < 50
CAS: 1408-60-7 EC: 238-878-4 QUARTZ		(1)	10<= x % <25

Information on ingredients:

(1) Substance for which maximum workplace exposure limits are available.

4. FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of splashes or contact with eyes :
Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.
In the event of swallowing :
In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.
Keep the person exposed at rest. Do not force vomiting.
Seek medical attention, showing the label.
If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

5. FIRE-FIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction
In the event of a fire, use :

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- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO_2)

Unsuitable methods of extinction
In the event of a fire, do not use :
- water jet

5.2. Special hazards arising from the substance or mixture
A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
Do not breathe in smoke.
In the event of a fire, the following may be formed :
- carbon monoxide (CO)
- carbon dioxide (CO_2)

5.3. Advice for firefighters
No data available.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Consult the safety measures listed under headings 7 and 8.
For first aid worker
Avoid any contact with the skin and eyes.

For first aid worker
First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions
Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up
Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections
No data available.

7. HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

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7.1. Precautions for safe handling

Always wash hands after handling.
Ensure that there is adequate ventilation, especially in confined areas.

Fire prevention:

Handle in well-ventilated areas.
Prevent access by unauthorised personnel.

Recommended For personal protection.

For personal protection, see section 8.
Observe precautions stated on label and also industrial safety regulations.
Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used..

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.
Keep the container tightly closed in a dry, well-ventilated place.
The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits:

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA	STEL	Ceiling	Definition	Criteria
1332-58-7	2 (E,R) mg/m3			A4	
14808-60-7	0.05 mg/m3	-	-	-	R

- France (INRS - ED984 :2016) :

CAS	VME-ppm	VME-mg/m3	VLE-ppm	VLE-mg/m3	Notes	TMP
No 1332-58-7	-	10	-	-	-	25
14808-60-7	-	0.1 A	-	-	-	25

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UK / WEL (Workplace exposure limits, EH40/2005, 2011) :

CAS	TWA	STEL	Ceiling	Definition	Criteria :
1332-58-7	- ppm 2 mg/m³	- ppm - mg/m³			
14808-60-7	0.3 mg/m3	-	-	-	R

8.2. Exposure controls
Personal protection measures, such as personal protective equipment

8.2. EXPOSURE CONTROLS
Personal protection measures, such as personal protective equipment
Use personal protective equipment that is clean and has been properly maintained.
Store personal protective equipment in a clean place, away from the work area.
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using.
Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection
Avoid contact with eyes.
Use eye protectors designed to protect against liquid splashes.
Before handling, wear safety goggles with protective sides accordance with standard EN166.

- Hand protection
Wear suitable protective gloves in the event of prolonged or repeated skin contact.
Type of gloves recommended:
- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

- Body protection
Work clothing worn by personnel shall be laundered regularly.
After contact with the product, all parts of the body that have been soiled must be washed.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information:	
Physical state	Viscous liquid
Colour	
Colour	Unspecified
Odour	
Odour threshold	Not stated.
Freezing point	
Freezing point / Freezing range	Not stated.
Boiling point or initial boiling point and boiling range	
Boiling point/boiling range	Not relevant.

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Flammability	
Flammability (solid, gas)	Not stated.
Lower and upper explosion limit	
Explosive properties, lower explosivity limit (%	Not stated.
Explosive properties, upper explosivity limit (%)	Not stated.
Flash point	
Flash point interval	Not relevant.
Auto-ignition temperature	
Self-ignition temperature	Not relevant.
Decomposition temperature	
Decomposition point/decomposition range	Not relevant.
pH	
pH	Not relevant.
Kinematic viscosity	
Viscosity	Not stated.
Solubility	
Water solubility	Insoluble.
Fat solubility	Not stated.
Partition coefficient n-octanol/water (log value)	
Partition coefficient: n-octanol/water	Not stated.
Vapour pressure	
Vapour pressure (50°C)	Not relevant.
Density and/or relative density	
Density	> 1
Relative vapour density	
Vapour density	Not stated.
pH:	Not relevant

9.2. Other information

No data available.

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

No data available.

10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available

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10.4. Conditions to avoid
Avoid :
- frost

10.5. Incompatible materials
No data available

10.6. Hazardous decomposition products
The thermal decomposition may release/form:
- carbon monoxide (CO)
- carbon dioxide (CO_2)

11. TOXICOLOGICAL INFORMATION

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

11.1.1. Substances
No toxicological data available for the substances.

11.1.2. Mixture
Skin corrosion/skin irritation :
Tests have proven that the mixture is neither corrosive nor irritant despite the low/high pH.

Serious damage to eyes/eye irritation :
Tests have proven that the mixture is not corrosive, does not produce serious ocular lesions or cause irritation despite thelow/high pH.

Monograph(s) from the IARC (International Agency for Research on Cancer) :
CAS 1333-86-4 : IARC Group 2B : The agent is possibly carcinogenic to humans.
CAS 14808-60-7 : IARC Group 1 : The agent is carcinogenic to humans.
CAS 14808-60-7 : IARC Group 1 : The agent is carcinogenic to humans

12. ECOLOGICAL INFORMATION

12.1. Toxicity
12.1.2. Mixtures
No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability
No data available.

12.3. Bioaccumulative potential
No data available.

12.4. Mobility in soil
No data available.

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12.5. Results of pbt and vpvb assessment
No data available.

12.6. Endocrine disrupting properties
No data available.

12.7. Other adverse effects
No data available

13. DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods
Do not pour into drains or waterways.

Waste :
Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :
Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

14. TRANSPORT INFORMATION

Exempt from transport classification and labelling.
14.1. UN number
-
14.2. UN proper shipping name
-
14.3. Transport hazard class(es)
-
14.4. Packing group
-
14.5. Environmental hazards
-
14.6. Special precautions for user

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture - Classification and labelling information included in section 2:
The following regulations have been used:
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/643 (ATP 16)

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- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/849 (ATP 17)

- Container information:
No data available.

- Particular provisions :
No data available.

15.2. Chemical safety assessment
No data available

16. OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.
It is at all times the responsibility of the user to take all necessary measure to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirement relating to the mixture and not a guarantee of the properties thereof.

Abbreviations:
REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.
STEL : Short-term exposure limit
TWA : Time Weighted Averages
TMP : French Occupational Illness table
TLV : Threshold Limit Value (exposure)
AEV : Average Exposure Value.
ADR : European agreement concerning the international carriage of dangerous goods by Road.
IMDG : International Maritime Dangerous Goods.
IATA : International Air Transport Association.
ICAO : International Civil Aviation Organisation
RID : Regulations concerning the International carriage of Dangerous goods by rail.
WGK : Wassergefahrdungsklasse (Water Hazard Class).
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.
|> Modification compared to the previous version

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