

INSULCOAT 1260-RFL

According to Regulation (EC) No. 1907/2006 (REACH)

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product Identifier

Product name : Insulcoat 1260RFL

1.2. Relevant identified uses

Use of the substance/mixture : For industrial use within high temperature applications.
Coating for use with High Temperature Insulation Wools.

1.2.2. Uses advised against

No additional information available

Identification of the suppliers

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2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP): Warning
Hazardous ingredients: Silicic acid, sodium salt
Hazardous statements (CLP):
H315 – Causes skin irritation
H319 – Causes serious eye irritation
H335 – May cause respiratory irritation

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Precautionary statements (CLP):

- P261 – Avoid breathing dust/fumes/gas/mist/vapours/spray
P264 – Wash thoroughly after handling
P271 – Wear protective gloves, protective clothing, eye protection, face protection
PP302+P352 – IF ON SKIN: Wash with plenty of water
P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and keep rinsing.
P321 – Call a POISON CENTRE/doctor if you feel unwell
P332+P313 – If skin irritation occurs: Get medical advice/attention P337+P313– If eye irritation persists: Get medical advice/attention
P362+P364– Take off contaminated clothing & wash before reuse
P403+P233 – Store in a well-ventilated place. Keep container tightly closed.
P405 – Store locked up
P501 – Dispose of contents/container appropriately

2.3. Other hazards

No additional information available

3. HAZARDS IDENTIFICATION

3.1. Substance

Not applicable

3.2. Mixture

Comments: Mixture of the substance listed below with non-hazardous additives.

Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Silicic acid, sodium salt	(Cas No) 1344-09-8 (EC No) 215-687-4	25 - 50	Met. Corr. 1, H290 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335

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Specific concentration limits:

Name	Product Identifier	Specific concentration limits
Silicic acid, sodium salt	(Cas No) 1344-09-8 (EC No) 215-687-4	(0.1= \leq C < 28) Eye irrit. 2, H319 (0.1= \leq C < 28) Skin irrit. 2, H315 (0.1= \leq C < 28) STOT SE 3, H335 (28 \leq C < 39) Skin irrit. 2, H315 (28 \leq C < 39) Eye Dam. 1, H318 (28 \leq C < 39) STOT SE 3, H335 (39 \leq C < 100) Skin Corr. 1B, H314 (39 \leq C < 100) Eye Dam. 1, H318 (39 \leq C < 100) STOT SE 3, H335 (39 \leq C < 100) Met. Corr. 1, H290

Full text of H-statements: see section 16

4. FIRST AID MEASURES

- First aid measures after inhalation: Move to fresh air, if you feel unwell seek medical advice
- First aid measures after skin contact: Wash skin with plenty of water. Take off contaminated clothing and wash before reuse. Take medical advice if skin irritation persists.
- First aid measures after eye contact: Rinse cautiously with water for several minutes. Get medical advice/attention.
- First-aid measures after ingestion: Rinse mouth. Drink plenty of water. DO NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries after skin contact : Irritation

Symptoms/injuries after eye contact : Irritation

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

Treat symptomatically

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:

The product is not flammable. Use extinguishing media appropriate for surrounding fire. Foam, Dry Powder, Carbon Dioxide, Water spray

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

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5.3. Advice for firefighters

Firefighting instruction:

Prevent firefighting water from entering the environment.

Protection during firefighting:

Do not enter fire area without proper protective equipmen, including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedure

General measures : Avoid contact with skin and eyes

6.1.1. For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use see Section 8

Emergency Procedure : Prohibit unauthorised persons

6.1.2 For emergency responders

Protective equipment : Ensure adequate ventilation. Concerning personal protective equipment to use see section 8.

Emergency procedure : Ensure operatives are trained to minimise exposures.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Method for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4. Reference to other sections

See Heading 7. See Heading 8. See Heading 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling : Ensure adequate ventilation, especially in confined areas. Obtain special instructions before use. Use personal protective equipment (PPE) as required. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions :

Product must only be kept in the original packaging.
Keep container closed when not in use. Protect against frost.
Keep away from acids and heat sources.

7.3. Specific end use(s)

No additional information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand protection:

Chemical resistant PVC gloves (to European standard EN 374 or equivalent)

Eye protection:

Safety glasses with side shields. Emergency eye wash fountains
Should be available in the immediate vicinity of any potential exposure.

Skin and body protection:

Impervious clothing. Do not take work clothes home
Respiratory protection: Liquid product: Inhalation unlikely. If dust are formed, wear appropriate mask.

Other information :

Do not eat, drink or smoke during use. Do not take work clothes Home.
Separate working clothes from town clothes. Wash separate.



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Paste
Colour:	Grey
Odour:	No data available
Odour threshold:	No data available
pH:	No data available
Relative evaporation rate (butylacetate=1):	No data available

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Melting point:	Not applicable
Freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability (solid gas):	Not applicable
Vapour pressure:	No data available
Relative vapour density at 20°C:	No data available
Relative density:	No data available
Solubility: Water:	slightly soluble
Log Pow:	No data available
Viscosity, kinemati :	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Explosive limits:	No data available

9.2. Other information

No additional information available

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions of use.

10.2 Chemical stability

The product is stable at normal handling and storage conditions.

10.3 Possibility of hazardous reactions

Reacts violently with strong acids, zinc.

10.4 Conditions to avoid

No additional information available.

10.5 Incompatible materials

Acids, zinc.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced

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11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:	Not classified (based on available data, criteria not met)
Skin corrosion/irritation:	Causes skin irritation
Serious eye damage/irritation:	Causes serious eye irritation
Respiratory or skin sensitisation:	Not classified (based on available data, criteria not met)
Germ cell mutagenicity:	Not classified (based on available data, criteria not met)
Reproductive toxicity:	Not classified (based on available data, criteria not met)
Specific target organ toxicity (single exposure):	Not classified (based on available data, criteria not met)
Specific target organ toxicity (repeated exposure):	Not classified (based on available data, criteria not met)
Aspiration hazard:	Not classified (based on available data, criteria not met)

12. EGOLOGICAL INFORMATION

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatments methods

Waste disposal recommendations:	Dispose in a safe manner in accordance with local / National regulations.
European List of Waste (LoW) code:	08 04 10 – waste adhesives and sealants other than Those mentioned in 08 04 09

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14. TRANSPORT INFORMATION

ADR	IMDG	IATA	AND	RID
14.1. UN Number				
Not regulated for transport				
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards				
Dangerous for the Environment: No	Dangerous for the Environment: No Marine pollutant: No	Dangerous for the Environment: No	Dangerous for the Environment: No	Dangerous for the Environment: No
No supplementary information available				

14.6 Special precautions for user

- Overland transport
Transport regulations (ADR) : Not applicable
- Transport by sea
Transport regulations (IMDG) : Not applicable
- Air transport
Transport regulations (IATA) : Not applicable
- Inland waterway transport
Transport regulations (ADN) : Not applicable
- Rail transport
Transport regulations (RID) : Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
 Contains no substance on the REACH candidate list
 Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

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15.2. Chemical safety assessment

No additional information available

16. OTHER INFORMATION

Indication of changes

2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified
2.2	Labelling according to Regulation (EC) No. 1272/2008 [CLP]	Modified

Abbreviations and acronyms:

GHS	Globally Harmonised System of Classification and Labelling of Chemicals
ADN	Accord européen relative au transport international des marchandises dangereuses par voie de navigation intérieure (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways).
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS	Chemical Abstract Service
IATA	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail

Data sources

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Full text of H- and EUH-statements:

Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2

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STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H290	Maybe corrosive to metals
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye damage
H335	May cause respiratory irritation

This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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