

SURFACOOOL-0712 (HEAT INSULATION COATING)

SECTION 1 - Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade Name - CORRONIL-0767
 Chemical Name - Water-Based Heat Insulating Coating
 Product Type - Mixture
 Product Code - FGS180006

1.2. Relevant identified uses of the Substance or Mixture and uses advised against
Relevant identified uses of the substance or mixture: Coating for Infrastructure, Electric & Power, Oil & Gas, Engineering Segment (Commercial use only)

1.3. Details of the Supplier of the Safety Data Sheet

Greenovoc Specialty Coatings Pvt. Ltd.
 R-406, TTC Industrial Area, Thane Belapur Road, MIDC,
 Rabale, Navi Mumbai
 Website: <http://www.greenovoc.com/>
 Sachin Joshi: +91-98211-30886 | Email: sj@greenovoc.com

1.4. Emergency Telephone Number

Emergency Contact Number: +91- 8591245335
 (Monday to Friday 9:30 a.m. to 6:30 p.m)

SECTION 2 - Hazards Identification

2.1. Classification of the substance or mixture

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

Not Classified	Not Classified
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2.2. Label Elements

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

Signal Word : None
 Pictograms : None
 Hazard Statements : None
 Precautionary Statements : None
 EUH-Phrases : None

2.3. Other Hazards

PBT Substance or Mixture : Not a PBT
 VPvB Substance or Mixture : Not a vPvB
 Other hazards which do not result in classification : None under normal conditions



SECTION 3 - Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

No hazardous ingredients as per the criteria specified in EU CLP Regulation

SECTION 4 - First Aid Measures

4.1. Description of First Aid Measures

Measures in Case of Inhalation : Provide fresh air.

Measures in Case of Contact with Skin : Wash immediately with Water
 When in doubt or if symptoms are observed, get medical advice.

Measures in Case of Contact with Eyes: Rinse immediately carefully and thoroughly with eye-bath or water.
 In case of eye irritation consult an ophthalmologist.
 Do NOT induce vomiting.

4.2. Most important Symptoms and Effects, both Acute And Delayed

Symptoms and Effects after Inhalation : No known Symptoms or Effects
 Symptoms and Effects after Contact with Skin : No known Symptoms or Effects
 Symptoms and Effects after Contact with Eyes : No known Symptoms or Effects
 Symptoms and Effects after Ingestion : No known Symptoms or Effects

4.3. Indication of any immediate Medical Attention and Special Treatment needed Treat symptomatically.

SECTION 5 - Firefighting Measures

5.1. Extinguishing Media

Suitable Extinguishing Media : Carbon dioxide (CO₂)
 Foam
 Extinguishing Powder
 Unsuitable Extinguishing Media : High power water jet

5.2. Special Hazards arising from the Substance or Mixture

Special Hazards : No Information Available.
 Decomposition Products : No Information Available.

5.3. Advice for Firefighters

Co-ordinate fire-fighting measures to the fire surroundings.



SECTION 6 - Accidental Release Measures

6.1. Personal Precautions, Protective Equipment And Emergency Procedures

- For Non-Emergency Personnel : Use Personal Protection Equipment.
Provide adequate ventilation.
- For Emergency Responders : No Information Available.

6.2. Environmental Precautions

No specific measures required.

6.3. Methods and Material for Containment and Cleaning up

- Appropriate Containment Techniques : No specific measures required.
- Appropriate Clean-Up Procedures : Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Wash with plenty of water.
- Inappropriate Techniques : No Information Available.

6.4. Reference to other Sections

- Disposal : See Section 13
- Personal Protection Equipment : See Section 8

SECTION 7 - Handling and Storage

7.1. Precautions for Safe Handling

- Recommendations : No special Technical Protective Measures are necessary.
- Advice On General Occupational Hygiene : Wash hands before breaks and after work.
When using do not eat, drink, sniff.
Work in well-ventilated zones.

7.2. Conditions for Safe Storage, including any Incompatibilities

Ensure Adequate Ventilation of the Storage Area.
Store Away from Direct Sunlight.
Store Away from Heat.

7.3. Specific End use(s)

Refer Section 1.2

SECTION 8 - Exposure Controls/Personal Protection

8.1. Control Parameters

No exposure limits known

8.2. Exposure Controls

- Appropriate Engineering Controls : No specific measures required
- Individual Protection Measures,
Such as Personal Protective Equipment : Suitable protective clothing: lab coat
- Environmental Exposure Controls : Not necessary



SECTION 9 - Physical and Chemical Properties

9.1. Information on basic Physical and Chemical Properties

Physical State	- Liquid	Appearance	- Liquid
Colour	- Milky White	Odour	- Odourless

Odour Threshold	The product is odourless
pH	Neutral
Melting Point	Not applicable as product is a Liquid
Freezing Point	0°C (Water-based Formulation)
Boiling Point	100°C (Water-based Formulation)
Flash Point	The Product Is A Non-Flammable Liquid
Evaporation Rate	No Data Available
Flammability	Not Flammable
Lower Explosion Limit	No Data Available
Upper Explosion Limit	No Data Available
Vapour Pressure	No Data Available
Vapour Density	No Data Available
Relative Density	1.04
Density	Not Applicable As The Product Is A Liquid
Solubility (Water)	Miscible In Water
Solubility (Ethanol)	Not Miscible
Solubility (Acetone)	Not Miscible
Solubility (Organic Solvents)	Not Miscible
Log Kow - Partition Coefficient: N-Octanol/Water	Not Applicable as Product Is A Mixture
Auto-Ignition Temperature	The Product Is a Non-Flammable Liquid
Decomposition Temperature	>400°C
Kinematic Viscosity	No Data Available
Dynamic Viscosity	50 CP

9.2. Other Information

VOC content	NIL
Minimum Ignition Energy	The product is a non-flammable Liquid
Conductivity	No Data Available

According to
Regulation (EC)
No. 2015/830



SECTION 10 - Physical and Chemical Properties

10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

10.2. Chemical Stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of Hazardous Reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to Avoid

No specific requirements

10.5. Incompatible Materials

Strong Oxidising Agents, Strong Acids

10.6. Hazardous Decomposition Products

Does not decompose when used for intended uses.

SECTION 11 - Physical and Chemical Properties

11.1. Information on Toxicological Effects

Acute Toxicity : Not Classified
Toxicity Values of Mixture :

LD50 Oral (Rat)	No Data Available
LD50 Dermal (Rat)	No Data Available
LD50 Dermal (Rabbit)	No Data Available
LC50 Inhalation (Rat)	No Data Available
LC50 Inhalation Dusts and Mists (Rat)	No Data Available
LC50 Inhalation Vapours (Rat)	No Data Available

Skin Corrosion/Irritation : Not Classified
Serious Eye Damage/Irritation : Not Classified
Respiratory or Skin Sensitization : Not Classified
Germ Cell Mutagenicity : Not Classified
Carcinogenicity : Not Classified
Reproductive Toxicity : Not Classified
Specific Target Organ Toxicity - Single Exposure : Not Classified
Specific Target Organ Toxicity - Repeated Exposure : Not Classified
Aspiration Hazard : Not Classified



SECTION 12 - Ecological Information

12.1. Toxicity

Toxicity Values of Mixture

EC50 48 Hr Crustacea	No Data Available
LC50 96 Hr Fish	No Data Available
Erc50 Algae	No Data Available
Erc50 Other Aquatic Plants	No Data Available
NOEC Chronic Fish	No Data Available
NOEC Chronic Crustacea	No Data Available
NOEC Chronic Algae	No Data Available
NOEC Chronic Other Aquatic Plants	No Data Available

The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2. Persistence and degradability

Biochemical Oxygen Demand (BOD)	No Data Available
Chemical Oxygen Demand (COD)	No Data Available
%of Biodegradation in 28 Days	No Data Available

12.3. Bio-accumulative Potential

Bio-concentration Factor (BCF)	No Data Available
Log Kow - Partition Coefficient-n-octanol/water	Not applicable as proud is a Mixture.

12.4. Mobility in Soil

No information available.

12.5. Results of PBT and vPvB Assessment

Not a PBT
Not a vPvB

12.6. Other Adverse Effects

No known Adverse Effect

SECTION 13 - Disposal Considerations

13.1. Waste Treatment Methods

- Appropriate Methods Of Waste Treatment : Dispose of waste according to Applicable Legislation.
- Sewage Disposal : No specific measures required.
- Special Precautions for Waste Treatment : No specific measures required.
- Community Or National or Regional Provisions : EWC Waste Code 08 01 12.



SECTION 14 - Transport Information

- 14.1. UN Number
Not Applicable
- 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
- 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15 - Transport Information

- 15.1. Safety, Health And Environmental Regulations/Legislation Specific for the Substance or Mixture
 - Components In The List of Reach Candidates : None
 - Components In Annex XIV : None
 - Components In Annex XVII : None
 - VOC Content : No Data Available
- 15.2. Chemical Safety Assessment
 - Chemical Safety Assessment Carried out for the Product : No Information Available.






SECTION 16 - Other Information

SDS Versions

Version No.	Date of issue	Description of the Amendments
1	14-11-2020	
Evaluation Methods		Hazard classification of the product is arrived based on the available date of ingredients.

Texts of the Regulatory Sentences

Not Classified	Not Classified
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 Green Coating Technology	 VOC Free	 No Odour	 No Fumes	 Environment Friendly
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