



SAFETY DATA SHEET
ECOLOGICAL HEAT INSULATION PLASTER
EkoPlast50

Date February 28, 2020

Rev.No: 00

Rev. Date: 00

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According to Regulation (EU) No. 2015/830

Section 1. Identification of the substance / preparation and of the company / owner

1.1. Identification of Substance / Preparation

Product Name : EKOPLAST 50 Ecological Heat Insulation Plaster

Product description: Expanded Glass granulate based-polymer reinforced ,Heat Insulation Plaster.

1.2. Use of the substance / preparation

EKOPLAST 50 is a mixture consisting 99% of inorganic raw materials. It is applied by mixing with water only and provides moisture protection, heat/cold insulation and sound deffening to buildings. Provides 40% -50% heat savings when applied to exterior and interior surfaces of buildings. Class A1 is fireproof material.

Can be applied on concrete, reinforced concrete, brick, bims, gypsum board, plasterboard, OSB, steel structures, old stucco surfaces and for internal and external wall insulations.

1.3. Comapany Information:

Company : KEMSET USA INC

Address : 326 N.AVALON BLVD.WILMINTON,CA 90744 -USA

Phone: 1 (562)285-2790

Web : www.kemsetusa.com

Mail :info@kemsetusa.com

Emergency telephone: 562-285-2790



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Section 2. Chemical Composition / Information on Contents

Material	% (w/w)	CAS NO	EC NO	Danger mark	Danger expressions	Security expressions
Exp.glass	25≤	13055-1	-	Xn	R22	S22,25,37
Calbsite	25≤	1317-65-3	215-279-6	Xn	R22	S22,25,37
m.Perlite	10≤	-	-	Xn	R22	S22,25,37
Polymer	2≤	65977-15-1	-	Xn	R22	S22,25,37
Cellulose	0,35≤	9004-65-3	220-971-6	Xn	R22	S22,25,37
F.glass	0,1≤	-	-	Xn	R22	S22,25,37

Note: All of the R clauses of the raw materials are given in Chapter 16.

Section 3. Hazards Identification

3.1. Hazard Symbols

Classification: Not hazardous according to the classification system of the relevant EC directives.

3.2. Risk Definitions

Danger to man and the environment: It is not dangerous.

Chapter 4. First Aid Measures

In case of inhalation: Do not cause any harm.

Ingestion: May cause nausea. Excessive exposure may cause vomiting and diarrhea.

In case of contact with the skin: Not irritating.

In case of eye contact: Eye burns, flushes, irritates in case of splashes. Wash with plenty of water.



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Section 5. Fighting Measures

Suitable extinguishing media and tools: Class A1 fireproof material

For safety reasons Incompatible Extinguisher: None

Section 6. Accidental Release Measures

Personal Precautions: Pouring on the floor does not cause any adverse effects. Clean the floor with a nail.

Protective Measures in the Environment: No harmful effects to the environment.

Cleaning / Collection Methods: Clean with plastic or wood brush.

Section 7. Handling and Storage

Carrying: Material is covered in kraft bags with closed mouth and shiring nylon packing.

Storage: In closed kraft bags, pallets, the pallets are stored in a shiring nylon covered, dry and moisture free environment.

Section 8. Exposure Controls / Personal Protection

Personal Protective Equipment:

Eye: Do not splash eye



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Section 9. Physical and Chemical Properties

Appearance: dust between 0-2 mm

Color: White

Odor: Specific

Important health, safety and environmental information

pH: 8-9 (in saturated solution at 25 ° C)

Melting Point (°C): 1340

Boiling Point (°C): Not available

Flammability (°C): Not flammable A1 flammable material

Explosive Properties: Not Explosive

Oxidizing Properties: Not Oxidizing

Density (kg / m³): 450 ± 50 kg / m³

Steam Pressure: Not volatile

Vapor Density: Not volatile

Evaporation Rate: Not volatile



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Section 10. Target Dimension

Classification according to particle size (S) μm 0-2000

Section 11. Stability and Reactivity

Chemical stability

It is stable under normal conditions.

Conditions to avoid

No

Polymerization hazard

No

Section 12. Toxicological Information

Acute Toxicity: Not toxic.

Section 13. Ecological Information

ecotoxicity

There is no harm to the environment. It is harmonious with ecology.

Section 14. Disposal Information

The product is in the category of non-hazardous material and it is possible to dispose of it by pouring it in licensed filling areas.

Additional Information: It is possible to recycle torn bags without any processing. In this way the municipality may be convened by waste assessment institutions. It can be sold to commercial waste companies.

Section 15. Transportation Information

Land Transport ADR / RID:

Since the product is not in danger class, there is no special transportation condition.

Sea transport (IMDG):

Since the product is not in danger class, there is no special transportation condition.

Air transport (ICAO-TI and IATA-DGR):

Since the product is not in danger class, there is no special transportation condition.



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Section 16. Regulatory Information

Product Hazard Definition:

It is not a dangerous product according to EC directive.

Risk Identification: None.

Safety Definitions: None

Section 17. Other Information

Information on the product in this Safety Data Sheet has been compiled from sources familiar with the individual components. These data are based on current knowledge and experience. This Safety Data Sheet examines the product for safety reasons and does not provide any warranty for the product's properties. This data applies only when the product is used for the appropriate application (s). The product is not sold in accordance with other applications - use in such a case may lead to risks not mentioned in this list. Other than the manufacturer consultation

Do not use for application (s). This Safety Data Sheet is provided in compliance with The Dangerous Goods Directive (67/548 / EEC). This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379 / EEC).

This Safety Data Sheet is provided in accordance with the Safety Data Sheets Directive (2001 / 58EC). This Safety Data Sheet is prepared in accordance with the Construction Material Directive (89/106 / EEC).

Risk definition statements of the raw materials listed in Section 2:

Xn: sensitizes respiration

R11 Highly flammable.

R22 Harmful if swallowed.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

S22 Do not breathe dust

S25 Avoid contact with eyes

S37 Wear suitable gloves.

Note: The color and essence varieties added to the product do not differ in terms of hazards of the product.

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Part 18. Certificates

