GRAVITY SEALER

SAFETY DATA SHEET

FDA COMPLIANT

RoHS compliant

ISO 9001

ISO 16000

REACH COMPLIANCE

GRAVITY
RESIN QUARTZ FLOORS

1. Identification Of Substance

Product Details

Product Name: GRAVITY SEALER

Products Use: Building Materials

Supplied By: GRAVITY RESIN QUARTZ FLOORS

Agios Nikolaos Jct, Limassol 3105

Tel & Emergency Tel: +35797881886

2. Hazards Identification

Emergency Overview: Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008.
Not a hazardous substance or mixture according to Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) as amended by Regulation (EU) 2020/878

GHS Classification: The products does not need to be labelled in accordance with EC directives or respective national laws.

Other hazards: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT),or very persistent and very bioaccumulative(vPvB) at levels of 0.1% or higher.

Potential Acute Health Effects

Eyes: Mildly irritating to eyes.

Skin: Prolonged or repeated skin contact can cause irritation.

Inhalation: May be irritating to upper respiratory tract.

Ingestion: Single does oral toxicity is considered to be extremely low. No hazards expected from swallowing small amounts incidental to normal handling operations. Ingestion may cause gastrointestinal irritation.

3. Certificates - Tested and compliant

- US FDA 21 CFR 175.300 (TUV Tested)
- RoHS Directive (EU)2015/863 AnnexII (TUV Tested)
- REACH Regulation (EC) No. 1907/2006 (SGS Tested)
- ISO 16000 - Indoor Air Quality / VOC testing

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4. First aid Measures

Eye Contact: Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

Skin Contact: Wash with soap and water. If signs/symptoms develop, get medical attention.

Inhalation: Remove person to fresh air. Get medical attention.

Ingestion: Seek medical attention.

5. Fire Fighting Measures

Fire Fighting Media: Dry chemical, carbon dioxide, alcohol foam, water fog.

Special Fire-Fighting Procedures: As in any fire, firefighters should wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH(approved or equivalent),and full protective gear.

6. Accidental Release Measures

Personal precautions, protective equipment and procedures : Evacuate area. Keep away from heat/sparks/ open flames/hot surface.-No smoking Use only non-sparking tools. Ventilate the area with fresh air. Refer to other section of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

Environmental precautions: Avoid release to the environment

Methods material for Containment and cleaning up: If possible, seal leaking container. Place leaking containers in a well-ventilated area, preferably an operating exhaust hood, or if necessary outdoors on an impermeable surface until appropriate packaging for the leaking container or its contents is available. Cover spill area with a fire-extinguishing foam. An appropriate aqueous film forming foam(AFFF) is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material .does not remove a toxic, corrosivity or

commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by a appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Collect the resulting residue containing solution. Seal the container. Dispose of collected material as soon as possible.

7. Handling And Storage

Precautions for safe handling: Keep out of reach of children. Donot handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surface.-No smoking. Do not spray on an open flame or other ignition source. Pressurized container :Do not pierce or burn ,even after use .Do not breathe/dust/fume/gas/mist/vapours/spray Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Use personal protective equipment(eg. gloves, respirators) as required. Vapours may travel long distances along the ground or floor to an ignition source and flash back. Do not use in a confined area or areas with or no air movement.

Conditions for safe storage including any incompatibilities: Protect from sunlight. Do not expose to temperatures exceeding 50° C/122F. Store in a well-ventilated place. Keep

container tightly closed. Store away from acids. Store away from oxidising agents.

8.Exposure Controls And Personal Protection

Engineering controls: Do not remain in area where available oxygen maybe reduced. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/spray. If ventilation is not adequate, use respiratory protection equipment.

Personal Protection Eyes: Wear safety glasses with side shields. Wear additional eye protection such as chemical goggles or face shield if splashing or spraying hazard exists. Have an eye wash station available.

Body: To prevent skin contact use coveralls, apron, boots, or lab coat.

Hands: Avoid skin contact by using chemically resistant gloves.

Respiratory: No respiratory protection required under normal conditions of use. Use local exhaust to control excessive vapors/mists. If excessive vapors or mists are persist use appropriate NIOSH/MSHA approved organic vapor/mist respirator.

Other: Open wounds or skin surface disruptions should be covered with a chemical resistant patch to minimize absorption risks. Clean clothing should be worn daily to avoid possible long-term build up of the product leading to chronic overexposure.

9.Physical And Chemical Properties

General Information

Appearance:	Milky white liquid
Odor:	Slight, mild almond-like scent
Safety Data:	
Boiling Point:	Approx. 100°C

Vapor Pressure (mmHg):	17 mmHg (at 20°C)
Vapor Density (Air = 1):	Similar to water (at 20°C)
Flash Point:	No data
Water Solubility:	Fully miscible with water in all proportions
Special Hazards:	No data
Melting Point:	No data
Ionic Nature:	Weakly anionic
pH Value:	7.5 – 8.5

10. Stability And Reactivity

Precautions to Avoid:	None
Materials to Avoid:	None
Decomposition Hazards:	No hazardous decomposition products under normal storage conditions.

11.Toxicological Information

Acute Toxicity (LD50):	No data
Primary Irritation:	
Skin:	No data
Eyes:	No data
Adverse Effects on Humans:	No data

12.Ecological Information

Biodegradability:	No data
Summary:	Can be removed via adsorption in sewage sludge.
Ecotoxicity:	
Microorganisms:	No data
Fish:	No data
Summary:	Harmful to aquatic life if directly Introduced into surface water.
Impact on Wastewater Treatment:	No restrictions. No known inhibition of nitrification.
Other Ecological Data:	
BOD5:	No data
Nitrogen Content:	No data
Phosphorus Content:	No data
Organic Halogen Content:	No data
Metals:	No data
Test Material:	Standard Product

13.Disposal Considerations:

Product Disposal:	Incinerate or landfill according to lo cal regulations.
Waste Classification:	No data
Contaminated Packaging:	Dispose of as chemical waste.

11.Transport Information

UN Number:	None
ADR/RID Class:	None

Proper Shipping Name (ADR/RID): None
UN Number (IMDG): None
Proper Shipping Name (IMO): None
UN Number (ICAO): None
Proper Shipping Name (ICAO): None

14. Regulatory Information
Classification and Labelling:
Symbols and Classification: Not classified as hazardous.
R-Phrases: None
S-Phrases: None

15. Other information
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

16. Information for Intended Users
Aqueous Adhesive
Unless otherwise approved, this product is recommended for use on tile surfaces, wall surfaces, bathrooms, and wooden materials. For other applications, including those subject to specific consumer regulations or standards, please contact the supplier.

STORAGE

12 months from production date, stored in original unopened packaging protected from direct sun exposure and frost. Storage temperature 0°C - 35°C.

TECHNICAL CHARACTERISTICS

Application temperature +0°C until +35°C. Temperature resistance -20°C until 90°C. Humidity ≤85% (RH) .

GRAVITY

RESIN QUARTZ FLOORS

Address: Riga Fereou & Andrea Zakou
Christina Center 1st Floor, Office 101, 3095,
Limassol - Cyprus

@gravity.resin.quartz

Gravity.services.cy@gmail.com

+357 97 881 886

WWW.GRAVITYRESINQUARTZ.COM