



Material Safety Data Sheet (MSDS)

Modified Acrylic Solid Surface

Date of issue: 2022-01-01

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Name

-Zameter Modified acrylic solid surface

1.2 Product Name

-Application: Kitchen top, counter top, interior wall, etc.
-Uses advised against: Do not use with strong acid or base chemicals

1.3 Detail of the supplier of the safety data sheet

◆Manufacturer

-Name: SHANDONG KELESI NEW MATERIAL TECHNOLOGY CO. LTD. -Address: NO.2688, YINGLONG ROAD, LONGSHAN HI-TECH INDUSTRIAL ZONE, LINQU COUNTY, WEIFANG CITY, SHANDONG PROVINCE.

-Telephone: +86-21-56990086

-Fax No.: +86-21-57219973 ◆

Supplier

-Name: SHANGHAI SAILISI INDUSTRY DEVELOPMENT CO., LTD. SHANDONG BRANCH

-Address: NO.2688, YINGLONG ROAD, LONGSHAN HI-TECH INDUSTRIAL ZONE, LINQU COUNTY, WEIFANG CITY, SHANDONG PROVINCE.

-Telephone: +86-21-56990086

-Fax No.: +86-21-57219973

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

-Not Classified

-The hazards of this product are associated with its fabrication. Such as routing and sanding can generate dust. - Exposure to high concentration of dust or inhalation may cause respiratory irritation and sneeze.

2.2 Label elements -Pictogram-

none

-Signal word- none

-Hazard statement- none

-Precautionary statement

Prevention: Not Applicable, Response: Not Applicable, Storage: Not Applicable, Disposal: Not Applicable

-NFPA rating

Heath: Not applicable, Flammability: Not applicable, Reactivity: Not applicable**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical	Usual Name	CAS NO.	Concentration range(%)
Unsaturated Polyester Resin	UPR	N/A	>30%
Poly Methyl methacrylate	PMMA	N/A	
Methyl methacrylate	MMA	N/A	
Aluminum Trihydrate	ATH	21645-51-2	<70%
Pigment	Pigment	N/A	<1%
Additives	Additives	N/A	<1%

4. FIRST AID MEASURES**4.1 Eye Contact**

-Rinse thoroughly with plenty of water for over 15 minute and call a doctor immediately.

4.2 Skin Contact

-No hazard. Wash with soap and water.

4.3 Inhalation

-If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Follow instruction of doctor.

4.4 Ingestion

-If vomiting, rinse mouth and follow instruction of doctor.

5. FIRE FIGHTING MEASURES**5.1 Extinguishing Media**

-Suitable extinguishing media : Dry chemical, carbon oxide, water spray and foam -Unsuitable extinguishing media : Not available

5.2 Special hazards arising from the substance or mixture-Hazardous Product of Combustion : Carbon Oxides (CO, CO₂), Various Hydrocarbons.

-Risk of Explosion or Fire: Zameter solid surface has fire resistance, but it has small risk of fire when it exposure to heat or fire.

5.3 Advice for fire-fighters

-Protective fire fighting clothing (including fire fighting helmet, coat, pants, boots and glove), Air supplied respirator.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures -Proper personal protective equipment should be utilized when handling this material.

6.2 Environmental precautions

-AIR: Avoid generation of dust and fine dust dispersed in the air

6.3 Methods and material for containment and cleaning up

 -Small

amount: Brush into dry container or bag.

-Large amount: Avoid generating dust in the air. Cleaning dust using vacuum cleaner and keep it into dry container.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

-When fabricating such as cutting and sanding, wear a proper protective gears.

7.2 Conditions for safe storage, including any incompatibilities

-Store in 15-23°C temp and dry condition inside or warehouse on flat ground.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

-Occupational Exposure Limits: Not available

-TWA: Not available

-STEL: Not available

-0.3mg/m³ OSHA TWA (Inhalable particles): Not available

-0.1mg/m³ OSHA TWA (Respirable particles): Not available

-ACGIH: Not available

-Biological exposure limit: Not available

**ACGIH = American Conference of Government Industrial Hygienists*

8.2 Appropriate engineering controls

-Not available

8.3 Individual protection measures, such as personal protective equipment ♦

Respiratory protection

-Dust mask when exposure on high concentration of dust ♦

Eye Protection

-Wear safety glasses ♦

Hand Protection

-Wear protective gloves ♦

Shin protection

-Protective clothing

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

-Physical state: Solid (Sheet form)

-Color: Varies

9.2 Odor: Odorless 9.3 Odor Threshold: Not applicable 9.4 PH: Not applicable 9.5 Boiling / Freezing point: Not applicable 9.6 Boiling point / boiling range: Not applicable 9.7 Flash point: No data 9.8 Evaporation rate: Not applicable 9.9 Flammability (solid, gas): Not applicable 9.10 Upper/lower flammability or explosive limits: Not applicable 9.11 Vapour pressure: Not applicable 9.12 Water solubility: Not soluble in water

9.13 Vapour density: Not applicable 9.14 Relative density: Not applicable 9.15 Partition coefficient: Not applicable 9.16 Autoignition: Not applicable 9.17 Decomposition: Not applicable 9.18 Viscosity: Not applicable 9.19 Explosive properties: Not applicable

10 STABILITY AND REACTIVITY

10.1 Stability and Possibility of Hazardous Reaction

-Stability: Stable under room temperature and normal pressure
-Possibility of Hazardous Reaction: Hazardous polymerization will not occur. ***Dust may be flashed under ignition temp***

10.2 Conditions to avoid

-Avoid extreme heat

10.3 Materials to avoid

-Acids, base, solvent, heat, spark, flame

10.4 Hazardous decomposition products -Carbon oxides, smog.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

◆Respiratory system

-High concentration may cause difficulty with breathing. ◆

Ingestion

-Organic reaction with digestive organs may cause irritation. ◆

Eye, Skin

-Particles may cause irritation.

11.2 Toxicity and irritation

◆ Acute toxicity

Oral

- Acute exposure: Organic reaction with digestive organs may cause irritation.
- Chronic overexposure: Not available
- Dermal**
- Acute exposure: Particles may cause irritation.
- Chronic overexposure: Not available

Inhalation

- Acute exposure: High concentration may cause difficulty with physical breathing.
- Chronic overexposure: Not available

◆ Skin corrosion/irritation -*Not available*

◆ Eye corrosion/irritation -*Not available*

◆ Respiratory sensitization -*Not available*

◆ Skin sensitization -*Not available*

◆ Carcinogenic -*Not available*

◆ Germ cell mutations -*Not available*

◆ Reproductive toxicity -*Not available*

◆ Specific target organ toxicity (single exposure) -*Not available*

◆ Specific target organ toxicity (repeated exposure) -*Not available*

◆ Aspiration hazard -*Not available*

11.3 Toxicological effects **Product based information:**

No toxicological information is available for the finished product. This product is generally believed to be inert based on available data.

Ingredient based information:

Note: This information are pertaining to a compromised/disrupted product due to operations and processing such as sanding, sawing, grinding, burning etc.

12 ECOLOGICAL INFORMATION

12.1 Ecotoxicity ◆

Fish

-*No data*

◆ Invertebrate

-*No data* ◆

Algae

-*No data*

12.2 Persistence/ degradability

-Persistence: No data

-Degradability: No data

12.3 Bioaccumulative potential

- Biodegradability: No data
- Bioaccumulation: No data

12.4 Mobility in soil

- Not available

12.5 Other adverse effects

- Not available

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

- All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations

13.2 Require attention

- The user of this product must properly characterize the waste/ container generated from the use of this product in accordance with all applicable federal, state and/or local laws and regulations in order to determine the proper disposal of the waste in accordance with all applicable federal, state and/or local laws and regulations. -Dispose of waste in accordance with local regulation

14 TRANSPORTATION INFORMATION

14.1 UN number

- Not applicable

14.2 UN proper shipping name

- Not applicable

14.3 Transport hazard class(es)

- Not applicable

14.4 Packing group

- Not applicable

14.5 Environmental hazards

- Not available

14.6 Special precautions for user related to transport or transportation measures. -

- Not available

15 REGULATORY INFORMATION

15.1 Occupation safety and health acts

- Not available

15.2 Chemical safety assessment

- Not available

15.3 Safety control of dangerous substances act

- Not available

15.4 Wastes control act

- Not available

15.5 Foreign legal

◆ Persistent organic pollutants control act

--*Not available* ◆

EU

-*Confirm classified result: Not classified*

-*Hazard words: Not applied*

-*Prevention measure: Not applied*

◆ U.S. regulations

-*OSHA Hazard Communication Standard(29 CFR 1910.119): Not applicable*

-*CERCLA 103(40CFR302.4): Not applicable*

-*EPCRA 302(40CFR355.30): Not applicable*

-*EPCRA 304(40CFR355.40): Not applicable*

-*EPCRA 313(40CFR372.65): Not applicable*

◆ Rotterdam convention material -*Not applicable*

◆ Stockholm convention material -*Not applicable*

◆ Montreal Protocol Material

-*Not applicable*

16 OTHER INFORMATION**16.1 Issue date**

2022-01-01