FINAL STONE ADHESIVE

SECTION 1: IDENTIFICATIONS OF THE SUBSTANCE /MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product form : Adhesive

Trade name : FINAL STONE ADHESIVE

Type of product : Unsaturated Polyester Resins

Product group : TRADE PRODUCT

1.2. Details of the supplier providing the safety data sheet

Head office: Final İthalat İhracat Sanayi Ve Ticaret Limited Şirketi. Halkalı Merkez Mah. Dereboyu Cad. 34303 küçükçekmece/ İstanbul

Phone: +90 (212) 979 08 53

info@final-ticaret.com www.final-ticaret.com

1.3. Emergency telephone number

Poison emergency hotline İstanbul: +90 (212) 979 08 53.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008:

(Annex VI to Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Dangerous Substances)

Flammable Liquids, Category 3; H226

Skin Corrosion/Irritation, Category 2, H315.

Serious Eye Damage/Irritation, Category 2A, H319.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Warning

Precautionary statements

Prevention

P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280-Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+352-IF ON SKIN: Wash with plenty of water and soap.

P332+313-If skin irritation occurs: Get medical advice/attention.

P305+351+338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do Continue rinsing.

P337+313-If eye irritation persists get medical advice/attention.

Storage

P403+235-Store in a well-ventilated place. Keep cool.

Disposal

P501-Dispose of contents/container through a waste management company authorized by the local government.

2.3. Other Hazards

Physical Hazards

Flammable Liquids, Category 3.

Health Hazards

Skin Corrosion/Irritation, Category 2.

Serious Eye Damage/Irritation, Category 2A.

Environmental Hazards

Not applicable**.**

Concerning Particular Hazards for Human and Environment

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations
of the EU" in the latest valid version

Please look over section 11 for toxicological information. Full text of H- and EUH- phrases: See section 16

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture:

Unsaturated Polyester Resins	60-65 %
Styrene	30-35 %

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Eyes:

Flush eyes with plenty of water at least 15 minutes. Get medical aid.

Skin:

Remove contaminated clothing and thoroughly flush the skin with soap and water

Ingestion:

Drink a lot of water. If affected person is conscious, induce dazed. Get medical aid.

Description of Symptoms/Effects (both acute and delayed) & Symptoms of Overexposure:

No data available

Indication of Immediate Medical Attention & Special Treatment Needed, If Necessary:

No data available

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Water Spray, Sand, Chemical carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Carbon Dioxide, other toxic gases and fumes.

5.3. Advice for firefighters

Fire Fighting Procedures Depending on magnitude of fire, heat-proof protective clothing, appropriate independent breathing apparatus, gloves, and protective glasses may be required.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment & Emergency Procedures:	**For Non-Emergency Personnel:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Do not touch or walk through spilled material. Provide adequate ventilation. **For Emergency Responders:** If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. See also the information for non-emergency personnel.
Methods & Materials for Containment & Clean Up:	**Small Spill:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an

appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

Large Spill:

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and
Section 13 for waste disposal.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling Avoid contact with eyes and skin. Avoid ingestion and inhalation. Assure a good ventilation and air exchange in work places. Do not drink, smoke and eat in work places.

7.2. Conditions for safe storage, including any incompatibilities: Keep the tin tightly closed & store in dry places at room temperature.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure Limits:

Contains no substances with occupational exposure limit values

8.2. Engineering Controls:

Use adequate ventilation to keep carbon Dioxide, other toxic gases and fumes low.

8.3. Personal Protective Measures:

Respiratory:

Do not inhale vapors. Where ventilation is not enough, use suitable filter mask.

Eye:
Avoid contact with eyes.
Skin:
Wear appropriate protective gloves and clothing to prevent contacting with glue.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical state	liquid
Color	Cream-colored
Odor	Styrene
Flash point	>31℃
Solubility(ies)	Partly soluble in Water
	Other solvents are in types of aliphatic, aromatic, acetate
Viscosity:	25000-30000 cps at 25℃ for the common type
	3000-5000 cps at 25℃ for the transparent type
	High viscous for the mastic type

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability: Stable under normal conditions.

10.3. Conditions to avoid: Dust generation, avoid excess heat.

10.4. Incompatible materials: Oxidizing agents, epoxy derivatives

10.5. Hazardous decomposition products: Has not been reported.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Oral LD50:	**No Data Available**
Inhalation LC50:	**No Data Available**
Dermal LD50:	**No Data Available**
Skin Corrosion/Irritation:	**No Data Available**

Serious Eye Damage/Irritation:	**No Data Available**
Respiratory or Skin Sensitization:	**No Data Available**
Germ Cell Mutagenicity:	**No Data Available**
Reproductive Toxicity:	**No Data Available**
Teratogenicity:	**No Data Available**
Specific Target Organ Toxicity-Single Exposure:	**No Data Available**
Specific Target Organ Toxicity-Repeated Exposure:	**No Data Available**
Aspiration Hazard:	**No Data Available**
Carcinogenicity	
IARC:	**No Data Available**
ACGIH:	**No Data Available**
NTP:	**No Data Available**
OSHA:	**No Data Available**
Potential Health Effects:	**Slightly irritating for skin and eyes.**

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:	No Data Available
Persistence & Degradability:	No Data Available
Bio-accumulative Potential:	No Data Available
Mobility in Soil:	No Data Available
Other adverse effects:	No Data Available

Section 13: Disposal Considerations

This material has been tested and found to have a flash point below 60℃. If discarded, this material and containers should be treated as hazardous wastes (unless fully polymerized) based on the characteristic of ignitability as defined under the federal RCRA regulations (40 CFR 261). Disposal of this material and its container requires compliance with applicable labeling, packaging, and record keeping standards. Extreme care should be taken to ensure that it is disposed of only in a facility permitted for disposal of hazardous wastes. Dispose of container and unused contents in accordance with federal, provincial, state and local requirements.

Section 14: Transport Information

DOT (Department of Transportation)	Technical Name: Resin Solution Hazard Class: 3 NA/UN Number: 1866 Packing Group: III Please refer to the DOT regulations for more information
International Air Transport Association (IATA)	Technical Name: Resin Solution Hazar EmS: F-E, S-E Please refer to the IMO regulations for more information d Class: 3 NA/UN Number: 1866 Packing Group: III ERG Code: 3L Please refer to the IATA regulations for more information
International Maratime Organization (IMO)	Technical Name: Resin Solution Hazard Class: 3 NA/UN Number: 1866 Packing Group: III

Section 15: Regulatory Information

Federal Regulations:	Sara Title III - Section 311 Immediate (Acute) Health Effects: Yes Chronic (Delayed) Health Effects: Yes Fire Hazard: Yes Sudden Release of Pressure Hazard: No Reactivity: Yes Sara Title III - Section 313 Styrene monomer (100-42-5
State Regulations:	Proposition 65 Statement: Styrene is NOT currently listed as a carcinogen by California's Safe Drinking Water and Toxic Enforcement Act of 1986. Styrene, in the presence of air and high temperature or prolonged exposure to styrene/air mixture to sunlight, can react to form styrene oxide. Styrene oxide is a chemical known to the state of California to cause cancer. Comments: SCAQMD Rule 1162 establishes specific process, control, housekeeping, and recordkeeping requirements for fabrication operations using polyester resin materials. It is the responsibility of the fabricator to ensure compliance with these requirements.
Canada:	Canadian WHMIS Classification: B2, D2A, D2B

Section 16: Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty. Users should make their own investigations to determine the suitability of the information for their particular purposes. (The mixing standards should be 100 parts marble adhesive with 2~1 parts hardener, but to accelerate or slow down the speed of solidification, put more or less hardener as required.) At the same time, using marble adhesive should pay attention to the question about security and environmental protection.