

1. Chemical Product and Company Identification

Product	
Trade Name	Tristone (Solid Surface)
Hazardous Ingredients	N/A
Application	Acrylic solid surface for construction material.
Company	
Name	Lion Chemtech Co. Ltd.
Address	41-5 Moonpyung-dong, Daeduk-gu, Daejeon, Korea
Telephone	82-42-930-3300

2. Composition and Information on Ingredients

Composition	Other Name	CAS No.	H.S. No.	Component (%)
Polymethyl methacrylate	-	9011-14-7	-	38%~42%
Aluminium tri-hydroxide	-	21645-51-2	-	57%~63%

3. Hazards Identification

Eyes	Dust or small particle may irritate the eyes.
Skin	Sharp edges may cut the skin. Dust generated by fabrication may cause skin sensitivity.
Respiratory tract	Dust generated during fabrication may cause irritation to respiration tract.
Ingestion	Not applicable.
Chronic	Not applicable.
Symptoms	Not applicable.

4. First Aid Procedures

Eye Contact	<ul style="list-style-type: none">• Flush eyes immediately with large amounts of water for a minimum of 15 minutes.• Medical treatment should be undertaken by a qualified doctor.
Skin Contact	<ul style="list-style-type: none">• Wash the contaminated skin with running water.• If irritation continues, seek medical treatment.
Inhalation	<ul style="list-style-type: none">• Remove to a well ventilated area.• Seek medical attention.
Ingestion	Not applicable.
Notes for Physician	No additional information.

5. Flammability and Explosion Control

Flash Point	N/A
Auto-ignition temperature	N/A
Max. & Min. Flammable-temperature limit	N/A
Flammable Condition	Non-flammable from shocks, heat.
Fire fighting Material	CO ₂ , H ₂ O
Instruction In Case Of Fire	Use dry chemicals, CO ₂ .
Hazardous Ingredients From Fire	Hazardous carbon oxidized gas can occur.

6. Handling and Storage

Precautions	<ul style="list-style-type: none"> • Do not breathe in dust. • If fabricators generate dust, make sure to proceed the job in well ventilated areas only. • Keep the product in flat and safe areas. • Dust should be carefully managed.
Waste Disposal Handling	Use appropriate tools to put solid surfaces in the right containers and treat the dust by related law.

7. Storage and Fabrication

How to Keep	Keep this material away from fire.
Storage & Fabrication	Keep this material inside the building, in well ventilated areas.

8. Exposure Controls

Inhalation	Use ventilation to keep the good air in fabrication place.
Eyes	Wear safety glasses.
Body	Wear safety gloves.
Sanitary Caution	Use ventilation to keep the place in good condition.
Exposure Limit	N/A

9. Physical & Chemical Properties

Appearance	Solid sheet		
Solubility	Insoluble	Impact strength	N/A
Melting point	N/A	Vapor density	N/A
Oxidization	None	Gravity	1.6~1.8

10. Stability and Reactivity

Stability	Stable high temperature and pressure.
Instable Conditions	Extreme heat, spark and fire.
Avoided Material	Strong acid, oxidizing-accelerator.
Hazards When Reacted	Carbon oxidization can occur when burned.
Hazardous Polymerization	N/A

11. Toxicological Information

Toxicity To Animals	This product has not been tested for animal effects.
Toxicity To Humans	This product is not toxic to blood, kidneys, lungs, nervous system.

12. Ecological Information

Ecological Effect	Not available.
Ecotoxicity	Not available.
BODS & COD	Not available.
Special Remarks	No additional remarks

13. Disposal Considerations

Waste Disposal	Use appropriate tools to put the dust and solid in a decent waste disposal container.
How To Treat	No special remark, but by reasonable way of taking care of waste.
Special Remarks	Bury or burn the waste by national law and local law.