



**LION CHEMTECH CO.,LTD**  
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# Material Safety Data Sheet(MSDS)

## 1. Chemical Product and Company Identification

Trade Name	Tristone™ (Acrylic 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, Daejon, Korea	
	Tel	82-42-930-3300	
Department by	Lab Dept	Date of issue	Jun. 15, 2002
Date of revise	Once so far / 2022.1.10		

## 2. Composition and Information on Ingredients

Composition	Other Name	CAS No.	H.S No.	Component(%)
Polymethyl methacrylate	-	9011-14-7	-	38%~42%
Aluminum Tri-Hydroxide	-	21645-51-2	-	57%~63%
Impact Strength	-	-	-	0.5%~1.5%

## 3. Hazards Identification

Emergency Overview		
Potential Chronic Health Effect	Eyes	Dust or small particle may irritate the eyes
	Skins	Any sharp edge may cut the skin and dust generated by fabrication may cause skin sensitization.
	Respiratory Tract	Dust generated during fabrication may cause irritation to respiration tract.
	Ingestion	Not applicable
	Chronic	Not applicable
	Symptoms	Not Available

## 4. First Aid Procedures

Eyes contact	Flush eyes Immediately with large amounts of water for a minimum of 15minutes. Medical treatment should be done by qualified doctor.
Skin contact	This would be be a problem, but may cause skin sensitization. Simply wash the contaminated skin with running water. Medical treatment can be consulted, if necessary.
Inhallation	Remove to fresh air, if necessary, victim should be taken to well ventilated area. Medical treatment should be followed by a case.
Ingestion	N/A



Notes for Physician	No additional information
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### 5. Flammability and Explosion Control

Flashing Point	N/A	Auto-Ignition Temperature	N/A	Min. & Max. Flammable-Temperature Limit	N/A
Flammable Condition	Non-flammable from shocks, heat				
Fire Fighting Material	Co2, H2O				
Instruction in case of fire	Use dry chemicals, CO2,				
Hazards ingredient from fire	Hazardous Carbon Oxidized Gas can be occurred				

### 6. Handling and Storage

Precaution	Do not breathe dust. if fabricators generate dust, make sure to proceed the job at the well ventilated area only. Keep the product in flat and safe area and dust should be took cared well.
Waste Disposal Handling	Use appropriate tools to put solid surface in a right container and treat this dust by related raw

### 7. Storage & Fabrication

How to keep	Keep this material away from the fire
Storage & Fabrication	Keep this material inside of the building, well ventilated area

### 8. Exposure Controls

Inhallation	Use ventilation to keep the good air at fabrication place.
Eyes	Ware Safety glasses
Body	Ware Safety gloves
Sanitary Caution	Use ventilation to keep the place good conditions
Exposure Limit	N/A

### 9. Physical & Chemical Properties

Apprearance	Solid Sheet		
PH	N/A	Solubility	Insoluble
Boiling Point	N/A	Melting Point	N/A
Explosure	N/A	Oxidization	None

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Vapor Pressure	N/A	Gravity	1.6~1.8
Molecular W.T.	N/A	Vapor Density	N/A

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### 10. Stability and Reactivity

Stability	Stable in high temperature and pressure
Instable Conditions	Extreme heat, Spark and fire
Avoided Material	Strong Acid, Oxidizing-accelerator
Harzards When reacted	Carbon Oxidization can be occurred when burned
Hazardous Polymerization	N/A

### 11. Toxicological Information

toxicity to Animal	This product has not been tested for animal effects.
Toxicity to Human	This product is not toxic to blood, kidneys, lungs, nervous system.

### 12. Ecological Information

Ecological Affect	Not Available
Ecotoxicity	Not Available
BODS and COD	Not Available
Special remarks	No additional remark

### 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 to take care of waste.
Special Remarks	Bury or burn the waste by National law and Local law

LION CHEMTECH CO.,LTD  
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DAEJON,KOREA  
President *Lee Won, Park*