

**MSDS****Material Safety Data Sheet(MSDS)****1 Chemical Product and Company Identification**

<b>Trade Name</b>	Tristone TM (Solid Surface)		
<b>Hazardous Ingredients</b>	N/A		
<b>Application</b>	Acrylic solid surface for construction material		
<b>Company</b>	Name	Lion Chemtech Co., Ltd.	
	Address	41-5 Moonpyung-dong, Daeduk-gu, Daejon, Korea	
	Tel	82-42-930-3300	
<b>Department by</b>	Not applicable	Date of issue	Jun. 15, 2002
<b>Date of revise</b>	Once so far / 2006. 10. 15		

**2 Composition and Information on Ingredients**

Complisition	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	-	-	-	57%~63%

**3 Hazards Identification**

Emergency Overview	
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 applicable

**4 First Aid Procedures**

<b>Eyes contact</b>	Flush eyes Immediately with large amounts of water for a minimum of 15minutes. Medical treatment should be done by qualified doctor.
<b>Skins contact</b>	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.
<b>Inhallation</b>	Remove to fresh air, if necessary, victim should be taken to well ventilated area. Medical treatment should be followed by a case.
<b>Ingestion</b>	N/A
<b>Notes for Physician</b>	No additional information

### 5 Flammability and Explosion Control

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

### 6 Handling and Storage

<b>Precaution</b>	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.
<b>Waste Disposal Handling</b>	Use appropriate tools to put solid surface in a right container and treat this dust by related raw

### 7 Storage & Fabrication

<b>How to keep</b>	Keep this material away from the fire
<b>Storage &amp; Fabrication</b>	Keep this material inside of the building, well ventilated area

### 8 Exposure Controls

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

### 9 Physical & Chemical Properties

Appearance	Solid Sheet		
Polymethyl methacrylate	N/A	Solubility	Insoluble
Aluminum Tri-Hydroxide	N/A	Melting Point	N/A
Impact Strength	N/A	Oxidization	None
Aluminum Tri-Hydroxide	N/A	Gravity	1.6~1.8
Impact Strength	N/A	Vapor Density	N/A

**⑩ Stability and Reactivity**

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

**⑪ Toxicological Information**

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

**⑫ Ecological Information**

<b>Ecological Affect</b>	Not Available
<b>Ecotoxicity</b>	Not Available
<b>BODS and COD</b>	Not Available
<b>Special remarks</b>	No additional remark

**⑬ Disposal considerations**

Not Available

<b>Waste Disposal</b>	Use appropriate tools to put the dust and solid in a decent waste disposal container
<b>Howto treat</b>	No special remark, but by reasonable way to take care of waste.
<b>Special Remarks</b>	Bury or burn the waste by National law and Local law