



Material Safety Data Sheet

MSDS1022**revised 29-APR-2008**

"LUCITE" XL ACRYLIC SHEET - ALL GRADES

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

"LUCITE", "NATURAL GRANITE", "CELESTIAL GRANITE" AND "GEMSTONE" ARE REGISTERED TRADEMARKS OF LUCITE INTERNATIONAL INC.

Material Identification

MSDS Number : 1022
CAS Number : 25852-37-3
CAS Name : POLY(METHYL METHACRYLATE/BUTYL ACRYLATE)
Product Use : SURFACE MATERIAL FOR SANITARY WARE (BATH, SHOWER, SPAS, SINKS)

Trade Names and Synonyms: "NATURAL GRANITE" Series; "CELESTIAL GRANITE" Series, "GEMSTONE" Series; MARBLE Series; LUCXL; and LUCAB

MANUFACTURER/DISTRIBUTOR

Lucite International, Inc.
7275 Goodlett Farms Parkway
Cordova, TN 38016-4909

PHONE NUMBERS

Product Information : 1-800-4-LUCITE
Transportation Emergency : 1-800-424-9300
Medical Emergency : 1-877-886-2143

COMPOSITION/INFORMATION ON INGREDIENTS

Material	CAS Number	%
POLY(METHYL METHACRYLATE/BUTYL ACRYLATE)	25852-37-3	~97
TITANIUM DIOXIDE	13463-67-7	---
*LEAD CHROMATE**	18454-12-1	<0.2
*CADMIUM SULFOSELENIDE**	58339-34-7	<1.2
*METHYL METHACRYLATE	80-62-6	~1

* Regulated as a Toxic Chemical under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

** Present above 0.1% as shown below:

Components (Remarks)		
	LEAD CHROMATE	CADMIUM SULFOSELENIDE
Product Grade	18454-12-1	58339-34-7
	BR6305	---
	GN6266	0.1%
	GN6706	---
	MB6452	0.1%
	PK5474	---
	PK6380	0.1%
	PK6610	---
	RD6233	0.2%
		1.2%

HAZARDS IDENTIFICATION

*****EMERGENCY OVERVIEW*****

* Sheets. Operations such as sawing, routing and *
 * drilling may generate dust and irritating fumes.*

Potential Health Effects:

EYE: Dust or fumes from fabrication operations may cause irritation.

SKIN: Unlikely to cause skin irritation.

INGESTION: Low oral toxicity.

INHALATION: Unlikely to be hazardous but dust or vapors may cause irritation.

CHRONIC (CANCER) INFORMATION: Lead chromate oxide and cadmium sulfoselenide are classified as carcinogens.

TERATOLOGY (BIRTH DEFECT) INFORMATION: No information but adverse effects unlikely.

REPRODUCTIVE INFORMATION: No information but adverse effects unlikely.

FIRST AID MEASURES

First Aid

Inhalation : Remove patient from exposure. Obtain medical attention if ill effects occur.

Skin Contact : Wash skin with soap and water.

Eye Contact : Remove particles by irrigating with eye wash solution or clean water, holding the eyelids apart. Obtain medical attention.

Ingestion: Ingestion of small quantities of this material under normal circumstances would not cause harmful effects.

Further Medical Treatment: Symptomatic treatment and supportive therapy as indicated.

FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARD DATA

Flash point: Not applicable

Autoignition temperature: No data

Flammable limits (STP): Not applicable

Extinguishing media:

Water fog, foam, carbon dioxide, dry chemical, halogenated agents.

Special fire fighting protective equipment: Self-contained breathing apparatus with full face piece and protective clothing.

ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

HANDLING AND STORAGE

No information available.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Face	: Safety Glasses.
Additional	: Long sleeve shirt
Protective Gloves	: Protective

Exposure Guidelines**Exposure Limits****"LUCITE" XL ACRYLIC SHEET ALL ON LIST**PEL (OSHA) : Particulates (Not Otherwise Classified) 15 mg/m³, 8 Hr.TWA, total dust 5 mg/m³, 8 Hr. TWA, respirable dust

TLV (ACGIH) : None Established

Other Applicable Exposure Limits**TITANIUM DIOXIDE**PEL (OSHA) : 15 mg/m³, total dust, 8 Hr. TWATLV (ACGIH) : 10 mg/m³, total dust, 8 Hr. TWA***LEAD CHROMATE**

PEL (OSHA): 0.05 mg/m³, 8 Hr TWA, as Pb, for > 8 Hr's exposure, limit in mg/m³ = 0.4 divided by hours worked. 1 mg/m³, Chromium metal & Chromium insoluble salts, 8 Hr TWA.

TLV (ACGIH): 0.15 mg/m³, 8 Hr. TWA, as Pb 0.05 mg/m³, certain water insoluble compounds, 8 Hr TWA, as Cr, Al

BUTYL ACRYLATE

PEL (OSHA) : None Established

TLV (ACGIH) : 10 ppm, 52 mg/m³, 8 Hr. TWA

METHYL METHACRYLATE

PEL (OSHA) : 100 ppm, 8 Hr. TWA
TLV (ACGIH) : 50 ppm, 8 Hr. TWA, 100 ppm, 15 min. STEL
LUCITE recommended: 50 ppm, 8 Hr. TWA, 100 ppm, 15 min. STEL

PHYSICAL AND CHEMICAL PROPERTIES

% Volatiles : <3%
Solubility in Water: Negligible
Odor : Typical "methacrylate"
Form : Sheet
Specific Gravity : 1.19

STABILITY AND REACTIVITY

REACTIVITY DATA

Stability: Stable under normal conditions.
Incompatibility: Oxidizing agents.
Hazardous decomposition products:
Combustion products: Carbon dioxide, carbon monoxide. Methyl methacrylate, butyl acrylate.
Hazardous polymerization: Will not occur.

TOXICOLOGICAL INFORMATION

General: No toxicity information is available on this specific preparation; this health hazard assessment is based on information that is available on the properties of its components.

HEALTH HAZARD Ingestion: The acute oral LD50 in rat is probably above 5,000 mg/kg. Relative to other materials, this material is classified as "practically non toxic" by ingestion.

Eye contact: Other than mechanical abrasion, no irritation is likely to develop following contact with human eyes.

Skin contact: No irritation is likely to develop following contact with human skin.

Skin absorption: This product will probably not be absorbed through human skin.

Inhalation: No toxic effects are known to be associated with inhalation of dust from this material.

Other effects of overexposure: No other adverse clinical effects have been associated with exposures to this material.

Carcinogenicity Information

The following components are listed by IARC, NTP, OSHA or ACGIH as carcinogens. A "P" indicates a proposed carcinogen.

	IARC	NTP	OSHA	ACGIH
LEAD CHROMATE	X	X		X
CADMIUM SULFOSELENIDE	X	X	X	X

ECOLOGICAL INFORMATION

Aquatic Toxicity: Toxicity of the polymer is expected to be low based on negligible water solubility.

DISPOSAL CONSIDERATIONS

Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Incinerate material in accordance with Federal, State/Provincial and Local requirements. Do not incinerate in closed containers.

TRANSPORTATION INFORMATION

DOT

Proper Shipping Name : Not regulated.

REGULATORY INFORMATION

Not classified as hazardous to users or for transport.

U.S. Federal Regulations

TSCA Inventory Status : Reported/Included.

Canadian Regulations:

DSL regulatory status : Included.

European Regulations:

EINECS: Polymer, monomers included, 201-297-1 (methyl methacrylate);
205-480-7 (butyl acrylate)

#OTHER INFORMATION

Additional Information

NA = Not Applicable

NE = Not Established

= Indicates updated section

STATE RIGHT-TO-KNOW LAWS

No substances on the state hazardous substances list, for the states indicated below, are used in the manufacture of products on this Material Safety Data Sheet, with the exceptions indicated. While we do not specifically analyze these products, or the raw materials used in their manufacture, for substances on various state hazardous substances lists, to

the best of our knowledge the products on this Material Safety Data Sheet contain no such substances except for those specifically listed below:

SUBSTANCES ON THE PENNSYLVANIA HAZARDOUS SUBSTANCES LIST PRESENT AT A CONCENTRATION OF 1% OR MORE (0.01% FOR SPECIAL HAZARDOUS SUBSTANCES): Methyl Methacrylate, Lead Chromate, Cadmium Sulfoselenide.

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER: Cadmium, Chromium and Selenium compounds.

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: Dibutyl phthalate.

SUBSTANCES ON THE NEW JERSEY WORKPLACE HAZARDOUS SUBSTANCE LIST PRESENT AT A CONCENTRATION OF 1% OR MORE (0.1% FOR SUBSTANCES IDENTIFIED AS CARCINOGENS, MUTAGENS OR TERATOGENS): Methyl Methacrylate, Lead Chromate, Cadmium Sulfoselenide.

MEDICAL USE: CAUTION: DO NOT USE IN MEDICAL APPLICATIONS INVOLVING IMPLANTATION IN THE HUMAN BODY.

Lucite International has performed no clinical testing on the use of this product in any medical application. Lucite International has no data to support the use of this product in any medical application. This product was not designed or manufactured for use in implantation in the human body or in contact with internal body fluids or tissues. Lucite International has neither sought, nor received, approval from any regulatory agency for the use of this product in implantation in the human body or for prolonged contact with internal body fluids or tissues.

The information herein is given in good faith but no warranty, expressed or implied, is made. Lucite International assumes no responsibility for personal injury or property damage that may arise from use of this material. Vendees or users assume all risks associated with the use of this material.

Responsibility for MSDS :

MSDS Coordinator
Lucite International, Inc.
2665 Fite Road
Memphis, TN 38127
901-354-1082