



SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Name Acrylic PLASTI-GRIT® Plastic Blast Media.

Identified use(s) Blasting media.
Uses advised against None known.

Manufacturer Composition Materials Co., Inc.
249 Pepes Farm Road
Milford, CT 06460
Ph: 203-874-6500

Emergency Phone No. Ph: 352-323-3500

2. HAZARDS IDENTIFICATION

Hazard classification Combustible dust

Label elements

Signal word Warning

Hazard statement(s) May form combustible dust concentrations in air.

Other hazards Low toxicity under normal conditions of handling and use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance identity	%W/W	CAS No.
Poly(Methyl methacrylate/Butyl acrylate)	~97	25852-37-3
Methyl methacrylate	<2	80-62-6
n-Butyl acrylate	<1	141-32-2
resi-STAT® (anti-static agent)	<0.5%	002764-13-8

4. FIRST AID MEASURES

Description of first aid measures

Inhalation IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Skin Contact IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention.

Eye Contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Obtain medical attention if ill effects occur.

Most important symptoms and effects, both acute and delayed
Not applicable.

Indication of any immediate medical attention and special treatment needed
None necessary.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Water spray, foam, dry powder or CO₂.

Unsuitable Extinguishing Media Do not use water jet.

Special hazards arising from the substance or mixture Combustible but not readily ignited. Combustion or thermal decomposition will evolve toxic, irritant and flammable vapors.

Special protective equipment and precautions for fire fighters A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Caution - spillages may be slippery.

Methods and materials for containment and cleaning up Sweep up and shovel into waste drums or plastic bags. Wash the spillage area with water.
Other advice See Section: 8, 13

7. HANDLING AND STORAGE

HANDLING Product as supplied: Avoid contact with eyes. Avoid prolonged skin contact. Unlikely to represent a dust hazard under normal handling conditions.
Process Hazards If the product is to be used in applications for which the hazards are not fully understood it is recommended to consult the supplier before use.
STORAGE Keep containers in a clean, cool and dry area away from heat sources. Natural ventilation is adequate.
Storage temperature (°C): <40°C
Incompatible materials: Soluble in most organic solvents, acetone and chlorinated hydrocarbons

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Substance	CAS No.	OSHA PEL TWA	ACGIH TWA	ACGIH STEL	Company Std. TWA	Company Std. STEL
Particulates (Total dust) (Respirable dust)		15 mg/m ³ 5 mg/m ³	Not established.			

Appropriate engineering controls Do not eat, drink or smoke at the work place. Provide adequate ventilation, including appropriate local extraction, to ensure that the occupational exposure limit is not exceeded. Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection



Wear eye/face protection. Safety spectacles/goggles/full face shield.

Skin protection



Not normally required.

Respiratory protection



A suitable dust mask or dust respirator with filter type P may be appropriate. (EN141/EN143). In the unlikely event of formation of particularly high levels of dust a self contained breathing apparatus may be appropriate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Granules
Color. Clear.
Odor Slight
Solubility (Water) Insoluble.
Solubility (Other) Soluble in most organic solvents, acetone and chlorinated hydrocarbons

10. STABILITY AND REACTIVITY

Reactivity	Non-reactive material.
Chemical stability	Stable under normal conditions.
Hazardous Reactions	None known.
Conditions to avoid	Keep away from heat.
Materials to avoid	Soluble in most organic solvents, acetone and chlorinated hydrocarbons
Hazardous decomposition product(s)	Methyl methacrylate, Butyl acrylate, Carbon dioxide, Carbon monoxide, traces of Acrolein.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	
Ingestion	Low oral toxicity.
Inhalation	Unlikely to be hazardous by inhalation.
Skin Contact	Unlikely to cause skin irritation.
Eye Contact	Dust may cause irritation.

12. ECOLOGICAL INFORMATION

Ecotoxicity	The product is predicted to have low toxicity to aquatic organisms.
Persistence and degradability	The product is non-biodegradable in soil. There is no evidence of degradation in soil and water.
Bioaccumulative potential	The product has low potential for bioaccumulation.
Mobility	The product is predicted to have low mobility in soil.

13. DISPOSAL CONSIDERATIONS

The waste is considered to be non hazardous. Large quantities of waste may be recoverable. Contact supplier for specialised advice.

Disposal methods	Disposal should be in accordance with local, state or national legislation. May be disposed of by landfill in accordance with local regulations. Incineration may be used to recover energy value.
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14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)	Not Classified as Dangerous for Transport.
UN No.	Not applicable.
Proper Shipping Name	Not applicable.
Class	Not applicable.
Packing group	Not applicable.
Environmental hazards	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

15. REGULATORY INFORMATION

US Federal Regulations	
Superfund reportable discharge	Not applicable.
SARA 302 - Extremely Hazardous Substances	Not applicable.
SARA 311/312 - Hazard Categories	

Acute	None.	
Chronic	None.	
Fire	None.	
Reactivity	None.	
Pressure	None.	
SARA 313 - Toxic Chemicals		Not applicable.

US State Regulations

California	SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM None known
	SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER None known

Canadian Regulations

WHMIS Classification	Not classified.
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16. OTHER INFORMATION

Date of preparation: 12 -June- 2015

Inventory Status

European Union	To the best of our knowledge all chemicals in this product comply with REACH regulations.
United States (TSCA)	Listed in TSCA
Canada (DSL/NDL)	Listed in DSL
Japan (ENCS)	
Philippines (PICCS)	
Australia (AICS)	
South Korea (KECI)	
China (IECSC)	

Compliance with other Regulatory Chemical Inventories cannot be assumed, please contact supplier for further information.

LEGEND

Note: Not all of the following are necessarily contained in this Safety Data Sheet

LTEL: Long Term Exposure Limit

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

PEL: Permissible Exposure Levels

OSHA: Occupational Safety and Health Administration

SARA: Superfund Amendments and Reauthorization Act

WHMIS: Worker Hazardous Materials Information System

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For other technical information, contact the address in Section 1.

Lucite International does not recommend this product for use in applications involving long-term contact with body tissues.

It is the responsibility of the end-product manufacturer to identify all market and use-specific regulations and to ensure compliance with these regulations.

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