

MATERIAL SAFETY DATA SHEET

Rev. JAN. 2007

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1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: **PLASTI-GRIT[®] Type V**
Chemical Family: Acrylic Polymer

Chemical Name: Acrylic - Plexi-glass
Formula: Acrylic Polymer/resiSTAT[®]

Composition Materials Co., Inc. -125 Old Gate Lane - Milford, CT 06460
Phone - 203-874-6500 Fax - 203-874-6505

2. COMPOSITION/INFORMATION ON INGREDIENTS

Acrylic Polymer CAS #80-62-6	> 97	ACGIH TLV OSHA PEL	None None
Pigment and Additives	< 2	ACGIH TLV OSHA PEL	None None
resiSTAT [®] (anti-static agent) CAS #002764-13-8	< 1	ACGIH TLV OSHA PEL	None None

3. HAZARDS IDENTIFICATION

Material is granular with no odor.
Avoid creating airborne dust. Avoid ignition sources. Provide ventilation. Avoid breathing dust, or contact with eyes or skin.
Spilled material can be slippery and cause falls if walked on.

Potential Health Effects

EYE: Solid or dusts may cause irritation or scratch the surface of the eye.

SKIN: Potential slight irritation.

INGESTION: May be harmful if swallowed.

INHALATION: Potential respiratory tract irritation.

Chronic Health Effects: None known.

Carcinogenicity: NTP: No		HMIS	NFPA
IARC: No	Health	2	2
OSHA: No	Flammability	0	0
	Reactivity	0	0

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. Consult a physician if irritation develops.

SKIN: Wash thoroughly with soap and water. Consult a physician if irritation develops.

INGESTION: Immediately induce vomiting by giving two glasses of water. Call a physician.

INHALATION: Remove to uncontaminated area - fresh air. Call physician if irritation persists.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: N/A

Dust can form explosive mixture with air. Temperatures above 370° C will result in depolymerisation releasing highly flammable methylmethacrylate.

FLAMMABLE LIMITS: N/A **LEL:** N/A **UEL:** N/A

HAZARDOUS COMBUSTION PRODUCTS: Smoke, Carbon Monoxide, Carbon dioxide, methyl methacrylate.

EXTINGUISHING MEDIA: Foam, Dry Chemical, CO₂, Water Fog.

FIRE FIGHTING INSTRUCTIONS: Wear self-contained breathing apparatus with a full face piece. Also wear full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Sweep up and place in appropriate disposal container. Spilled material can be a slipping hazard. Eliminate flames, sparks, excessive temperatures and oxidizing agents.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes. Use in a well-ventilated area.

STORAGE: Store in closed, properly labeled containers in a cool, ventilated area. Keep away from heat, open flames and oxidizing agents. Do not transfer to unmarked containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Mechanical ventilation and local exhaust. Use explosion proof electrical equipment for very high dust levels.

RESPIRATORY PROTECTION: Recommend a 3M #8710 Dust and Mist Respirator.

SKIN PROTECTION: Use rubber gloves. Wash thoroughly before eating, smoking, Applying cosmetics, etc. Launder work clothing before reuse.

EYE PROTECTION: Safety glasses with side shields, goggles and/or a face shield

OTHER PROTECTIVE EQUIPMENT: If necessary, protective rubber apron, shoes or boots, or TYVEC protective suit with hood.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A
MELTING POINT: N/A
VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
SOLUBILITY IN WATER: Insoluble
EVAPORATION RATE: N/A
SPECIFIC GRAVITY (H₂O=1): 1.2
pH: 4 - 8
ODOR: No Odor
APPEARANCE: Granular **COLOR:** Clear or Smoke

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY(CONDITIONS TO AVOID):Excessive heat, ignition sources.

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Smoke, Carbon Monoxide, Carbon Dioxide, Methyl Methacrylate.

HAZARDOUS POLYMERIZATION: Will not Occur.

STABILITY: Stable

11. TOXICOLOGICAL INFORMATION

Very low order of acute toxicity.

12. ECOLOGICAL INFORMATION

Cleaned up material is not known to pose any significant ecological problems. Always comply with Federal, State and Local environmental regulations.

13. DISPOSAL CONSIDERATIONS

Dispose as solid waste in sanitary landfill according to Federal, State and Local regulations.

14. TRANSPORT INFORMATION

DOT: Not Regulated. **NMF CLASSIFICATION:** Class 60 - Item 156200

15. REGULATORY INFORMATION

Review OSHA Std. for PPE in 29CFR 1910 Subpart I to ensure proper use for any applicable PPE.

WHMIS CLASSIFICATION: Not Applicable

16. OTHER INFORMATION

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