

# MATERIAL SAFETY DATA SHEET

Rev. Jan. 2012

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## 1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: **PLASTI-GRIT<sup>R</sup> Type II**

Chemical Name: Thermoset Urea  
Compound-Crosslinked

Chemical Family: Thermoset Plastics

Formula: Urea Polymerized/  
resiSTAT<sup>R</sup>

**Composition Materials Co., Inc. – 249 Pepes Farm Road - Milford, CT 06460**  
**Phone - 203-874-6500 Fax - 203-874-6505**

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Polymerized Urea Molding Compound CAS #9011-05-6	> 97 %	ACGIH TLV OSHA PEL	None None
Pigment & additives	< 2 %	ACGIH TLV OSHA PEL	None None
resiSTAT <sup>R</sup> (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.

COMPOSITION MATERIALS CO., INC. 125 OLD GATE LANE, MILFORD, CT 06460 (203) 874-6500

<b>Carcinogenicity:</b> NTP: No		<b>HMIS</b>	<b>NFPA</b>
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. Sealed (closed) containers can build up pressure if exposed to heat (fire).

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

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Monoxide, Nitrous Oxides.

**EXTINGUISHING MEDIA:** Foam, Dry Chemical, Water, CO2, Steam.

**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 (H<sub>2</sub>O=1):** 1.5

**pH:** 4 - 8

**ODOR:** No Odor

**APPEARANCE:** Granular, one or several colors.

## **10. STABILITY AND REACTIVITY**

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

**INCOMPATIBILITY:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Smoke, Carbon Monoxide, Nitrous Oxides.

**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.

## **16. OTHER INFORMATION**

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