



# Safety Data Sheet

## 1. IDENTIFICATION

### Product identifier

**Product Name** PLASTI-GRIT® TYPE V

### Other means of identification

**SDS #** CMC-012

### Synonyms

Acrylic resin, molded, cast and cured. Ground acrylic, blast media, abrasive.

### Other Information

This SDS conforms to the OSHA Hazcom Standard 2012 and is compliant with the Globally Harmonized System of Labelling and Classification of Chemicals (GHS).

### Recommended use of the chemical and restrictions on use

**Recommended Use** Cleaning, deburring, paint-removing.

### Details of the supplier of the safety data sheet

#### **Manufacturer Address**

Composition Materials Co., Inc.  
249 Pepes Farm Road  
Milford, CT 06460

#### **Emergency telephone number**

**Company Phone Number** 1-203-874-6500 (Business)  
1-203-874-6505 (Fax)  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Granules One or several colors

**Physical state** Solid

**Odor** Typical order of plastic

### Classification

Combustible dust

### Signal Word

Warning

### Hazard statements

May form combustible dust concentrations in air

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms** Acrylic resin, molded, cast and cured. Ground acrylic, blast media, abrasive.

| Chemical name        | CAS No     | Weight-% |
|----------------------|------------|----------|
| Polymer              | 9011-14-7  | >99      |
| Anti-Static Additive | 68071-95-4 | <1       |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST AID MEASURES

#### Description of first aid measures

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| <b>Skin Contact</b> | Wash off immediately with plenty of water for at least 15 minutes.   |
| <b>Inhalation</b>   | Remove to fresh air.   |
| <b>Ingestion</b>    | Clean mouth with water and drink afterwards plenty of water.   |

#### Most important symptoms and effects, both acute and delayed

**Symptoms** See Section 11: Toxicological Information of this SDS for more detailed symptoms.

#### Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Foam. Powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable Extinguishing Media** Not determined.

#### Specific Hazards Arising from the Chemical

Dust can form an explosive mixture with air.

**Hazardous combustion products** Smoke, fumes or vapors, and oxides of carbon.

#### Explosion Data

**Sensitivity to Static Discharge** AVOID GENERATING DUST. Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protective equipment as required.

**Environmental precautions**

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Carefully sweep, scoop or vacuum and place in suitable container. Avoid generating dust or accumulating dust. Avoid dust dispersal in the air (i.e. cleaning dust surfaces with compressed air). If possible, complete cleanup on a dry basis. Spilled material can be a slipping hazard. Eliminate flames, sparks, excessive temperatures and oxidizing agents. Non-sparking tools should be used.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid generation of dust. Avoid breathing dusts. Avoid contact with skin, eyes or clothing. Minimize dust generation and accumulation. Ensure that dust does not accumulate on surfaces.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Store in closed, properly labeled containers in a cool, ventilated area. Do not transfer contents to bottles or other unlabeled containers. Keep away from heat, open flames and oxidizing agents.

**Incompatible Materials** Oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Appropriate engineering controls**

**Engineering Controls** Explosion-proof general and local exhaust ventilation. Use explosion proof electrical equipment for very high dust levels. Ensure ventilation and dust-handling systems prevent the escape of dust into work areas and there is no leakage from equipment.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Safety glasses. Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection** Protective gloves. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** Nuisance dust mask 3M type 8710 or equivalent. (Recommended).

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |                                |                       |  |
|-----------------------|--------------------------------|-----------------------|--|
| <b>Physical state</b> | Solid                          | <b>Odor</b>           | Typical order of plastic<br>Not determined |
| <b>Appearance</b>     | Granules One or several colors | <b>Odor Threshold</b> |  |
| <b>Color</b>          | Various                        |                       |  |

| <u>Property</u>                        | <u>Values</u>                               | <u>Remarks • Method</u> |
|--|---|-------------------------|
| pH                                     | Not determined                              |                         |
| Melting point / freezing point         | Not determined                              |                         |
| Boiling point / boiling range          | Not determined                              |                         |
| Flash point                            | Not determined                              |                         |
| Evaporation Rate                       | Not determined                              |                         |
| Flammability (Solid, Gas)              | Not determined                              |                         |
| Flammability Limit in Air              |   |                         |
| Upper flammability or explosive limits | Not determined                              |                         |
| Lower flammability or explosive limits | Not determined                              |                         |
| Vapor Pressure                         | Not determined                              |                         |
| Vapor Density                          | Not determined                              |                         |
| Relative Density                       | Not determined                              |                         |
| Water Solubility                       | Not determined                              |                         |
| Solubility in other solvents           | Not determined                              |                         |
| Partition Coefficient                  | Not determined                              |                         |
| Autoignition temperature               | Not determined                              |                         |
| Decomposition temperature              | Not determined                              |                         |
| Kinematic viscosity                    | Not determined                              |                         |
| Dynamic Viscosity                      | Not determined                              |                         |
| Explosive Properties                   | Dust can form an explosive mixture with air |                         |
| Oxidizing Properties                   | Not determined                              |                         |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible materials

Oxidizing agents.

### Hazardous decomposition products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact**                      Avoid contact with eyes.

**Skin Contact**                     Avoid contact with skin.

**Inhalation**                        Do not inhale.

**Ingestion**                         Do not ingest.

**Component Information****Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** Group 3 IARC components are "not classifiable as human carcinogens".

| Chemical name        | ACGIH | IARC    | NTP | OSHA |
|----------------------|-------|---------|-----|------|
| Polymer<br>9011-14-7 |       | Group 3 |     |      |

**Numerical measures of toxicity**

Not determined

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

| Chemical name | TSCA | DSL/NDSL | EINECS/E<br>LINCS | ENCS | IECSC | KECL | PICCS | AICS |
|---------------|------|----------|-------------------|------|-------|------|-------|------|
| Polymer       | X    | X        |                   | X    | X     | X    | X     | X    |

#### **Legend:**

*TSCA* - United States Toxic Substances Control Act Section 8(b) Inventory

*DSL/NDSL* - Canadian Domestic Substances List/Non-Domestic Substances List

*EINECS/ELINCS* - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

*ENCS* - Japan Existing and New Chemical Substances

*IECSC* - China Inventory of Existing Chemical Substances

*KECL* - Korean Existing and Evaluated Chemical Substances

*PICCS* - Philippines Inventory of Chemicals and Chemical Substances

*AICS* - Australian Inventory of Chemical Substances

### US Federal Regulations

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### **U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

