1. IDENTIFICATION

**Product Identifier**

**Product Name**
PLASTI-GRIT® TYPE II

**Other means of identification**

**SDS #**
CMC-004

**Synonyms**
Thermoset Urea Compound - Crosslinked.

**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**
Industrial cleaning, blasting and coating removal.

**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 (24 hr)**
INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

**Appearance**
granules One or several colors

**Physical State**
Granular

**Odor**
No odor

**Classification**

Combustible Dust

**Hazards Not Otherwise Classified (HNOC)**
May be harmful in contact with skin
3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms
Thermoset Urea Compound - Crosslinked.

Chemical Family
Thermoset Plastics.

Formula
Urea Polymerized/resiSTAT®

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymerized Urea Molding Compound</td>
<td>9011-05-6</td>
<td>&gt;97</td>
</tr>
<tr>
<td>Pigments and additives</td>
<td>Proprietary</td>
<td>&lt;2</td>
</tr>
<tr>
<td>Anti-Static Additive</td>
<td>68071-95-4</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

**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

First Aid Measures

- **Eye Contact**
  Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

- **Skin Contact**
  Wash skin thoroughly with mild soap and water. Seek medical attention if irritation develops.

- **Inhalation**
  Remove to uncontaminated area - fresh air. Call a physician if irritation persists.

- **Ingestion**
  If swallowed, give large amounts of water, induce vomiting, consult a physician.

Most important symptoms and effects

- **Symptoms**
  Exposure to eyes from solids or dusts may cause irritation or scratch the surface of the eye. Potential of slight irritation to skin. May be harmful if swallowed. Potential respiratory tract irritation if inhaled.

Indication of any immediate medical attention and special treatment needed

- **Notes to Physician**
  Treat symptomatically.

5. FIRE-FIGHTING MEASURES
**Suitable Extinguishing Media**
Dry chemical, CO₂, water spray or regular foam. Steam.

**Unsuitable Extinguishing Media**
Not determined.

**Specific Hazards Arising from the Chemical**
Sealed containers can build up pressure if exposed to heat and/or fire. Dust can form an explosive mixture with air.

**Hazardous Combustion Products**
Carbon monoxide. Nitrogen oxides (NOx).

**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**
Wear protective clothing as described in Section 8 of this safety data sheet.

**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. Use only in well-ventilated areas. Avoid generation of dust. Avoid breathing dusts. Avoid contact with skin and eyes. 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**
Contains no substances with occupational exposure limit values

**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. Eyewash stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Safety glasses with side shields, goggles and/or a face shield.

Skin and Body Protection

Use rubber gloves. If necessary also wear a protective rubber apron, shoes or boots or TYVEC protective suit with hood. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Granular</td>
<td>Odor</td>
</tr>
<tr>
<td></td>
<td>granules One or several colors</td>
<td>No odor</td>
</tr>
<tr>
<td>Color</td>
<td>Various</td>
<td>Odor Threshold</td>
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<tr>
<td>pH</td>
<td>4-8</td>
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<td>Melting Point/Freezing Point</td>
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<td></td>
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<tr>
<td>Boiling Point/Boiling Range</td>
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<td></td>
</tr>
<tr>
<td>Flash Point</td>
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<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
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<td></td>
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<tr>
<td>Flammability (Solid, Gas)</td>
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<td>Upper Flammability Limits</td>
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<td>Lower Flammability Limit</td>
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<td></td>
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<tr>
<td>Vapor Pressure</td>
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<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not applicable</td>
<td></td>
</tr>
</tbody>
</table>
### Specific Gravity
1.5 (1=Water)

### Water Solubility
Insoluble in water

### Solubility in other solvents
Not determined

### Partition Coefficient
Not determined

### Auto-ignition Temperature
Not determined

### Decomposition Temperature
Not determined

### Kinematic Viscosity
Not applicable

### Dynamic Viscosity
Not applicable

### Explosive Properties
Dust can form an explosive mixture with air

### Oxidizing Properties
Not determined

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## 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.

#### Hazardous Polymerization
Hazardous polymerization does not occur.

### Conditions to Avoid
Keep out of reach of children. Excessive heat, sparks and flames.

### Incompatible Materials
Oxidizing agents.

### Hazardous Decomposition Products
Smoke, Carbon Monoxide, Nitrous Oxides.

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## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

### Product Information
Eye Contact
Avoid contact with eyes.

Skin Contact
Avoid contact with skin. May be harmful in contact with skin.

Inhalation
Avoid inhalation of dust.

Ingestion
Do not taste or swallow.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
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<tbody>
<tr>
<td>Polymerized Urea Molding Compound</td>
<td>8394 mg/kg (Rat)</td>
<td>&gt; 2100 mg/kg (Rat)</td>
<td>&gt; 167 mg/m&lt;sup&gt;3&lt;/sup&gt; (Rat) 4 h</td>
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</table>

Information on physical, chemical and toxicological effects

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
Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

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.

Component Information

Persistence/Degradability
Not determined.

Bioaccumulation
Not determined.

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
<th>EINECS</th>
<th>ELINC S</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
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<td>Polymerized Urea Molding Compound</td>
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<tr>
<td>Pigments and additives</td>
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<td>X</td>
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<td>Present</td>
<td></td>
<td>X</td>
<td>Present</td>
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</table>

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
Not determined

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

U.S. State Right-to-Know Regulations
This product does not contain any substances regulated under applicable state right-to-know regulations
16. OTHER INFORMATION

Additional Product Information
Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
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<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
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Issue Date: 02-Jan-2012
Revision Date: 11-Jan-2019
Revision Note: Updated formula

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet