

MATERIAL SAFETY DATA SHEET

Rev. JAN. 2004

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1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: **POLY-CARB-VII**

Synonym: Polycarbonate Pellets

Chemical Family: Polycarbonate

Composition Materials Co., Inc. - 125 Old Gate Lane - Milford, CT 06460

Phone - 203-874-6500 Fax - 203-874-6505

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS# - 111211-39-3

Amorphous Engineering Thermoplastic (Polycarbonate), Bisphenol A, Carbonic Acid and a pre-compounded inorganic dry color ingredient.

3. HAZARDS IDENTIFICATION

Cylindrical pellets with no discernible odor. Avoid creating airborne dust. Provide ventilation. 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.

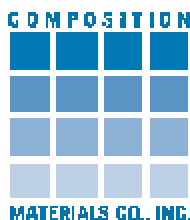
SKIN: Material can be abrasive.

INGESTION: Not expected to be a problem. If large quantities are ingested, see a doctor or poison control center promptly.

INHALATION: No need anticipated. However, if need occurs, remove person to fresh air. If necessary, give artificial respiration and get medical attention.

Chronic Health Effects: None known.

| | | | HMIS |
|-------------------------|-----------------|--------------|-------------|
| Carcinogenicity: | NTP: No | Health | 0 |
| | IARC: No | Flammability | 1 |
| | OSHA: No | Reactivity | 0 |



4. FIRST AID MEASURES

EYES: If pellet gets into eye, treat as with any foreign object. Get medical attention for serious eye injury.

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

INGESTION: If large quantities are ingested, call a physician.

INHALATION: Remove to uncontaminated area - fresh air. Give artificial respiration if person has stopped breathing and get medical attention immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: Approx. 840° F ± 20°

Dust can form explosive mixture with air.

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

HAZARDOUS COMBUSTION PRODUCTS: Dense smoke

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

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

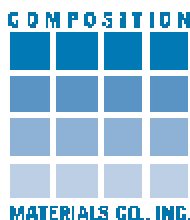
6. ACCIDENTAL RELEASE MEASURES

Sweep up and place in appropriate disposal container. Spilled material can be a slipping hazard. Electrostatic charge can potentially build up when handling material. Avoid concentrating dust particles since static build-up and ignition may occur.

7. HANDLING AND STORAGE

HANDLING: Use in a well-ventilated area.

STORAGE: Store in closed, properly labeled containers in a cool, dry, ventilated area. Do not transfer to unmarked containers.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Mechanical ventilation and local exhaust.

RESPIRATORY PROTECTION: Wear properly fitted dust respirator approved by NIOSH/OSHA.

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): 1.29 - 1.41

pH: N/A

ODOR: No Odor

APPEARANCE: Cylindrical pellets.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY(CONDITIONS TO AVOID): N/A

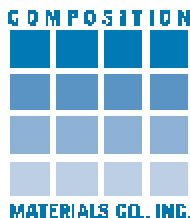
INCOMPATIBILITY: May decompose by strong oxidizing agents such as nitric and sulfuric acids, halogens and chlorinating agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulfuric Acid.

STABILITY: Stable

11. TOXICOLOGICAL INFORMATION

N/A



12. ECOLOGICAL INFORMATION

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

SARA Title III/Section 313: This product contains no section 313 chemicals.

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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