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MATERIAL SAFETY DATA SHEET  
SUPERNOVA™  
HYBRID PURGING COMPOUND

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## I - Product Identification

**Name:**

SuperNova™ HYBRID Purging Compound

**Emergency Overview:**

White, gray-white and cream-white pellets, mixed with polymer resin pellets. Not readily combustible but will burn if involved in a fire, releasing typical hydrocarbon products of combustion. No significant health effects are associated with these products.

## II - Composition (Hazardous Components)

These products contain NO HAZARDOUS INGREDIENTS. Components include inert minerals, thermoplastic polymer resins, and other components whose identities are withheld as TRADE SECRETS. All components are generally recognized as safe in connection with FDA regulations.

## III - Hazards Identification

**Potential Health Effects:**

None determined or expected from either acute or chronic over-exposure.

**Fire and Explosion:**

These products are not readily combustible, but will burn if involved in a fire, releasing typical hydrocarbon products of combustion.

**Hazardous Polymerization:** Will not occur.

## IV - First Aid

**Emergency First Aid Procedure:**

- **Eyes:** In case of polymer fines entering the eyes, immediately flush with plenty of low pressure water for at least 15 minutes. Remove any contact lenses to ensure thorough flushing. Call a physician.
- **Skin:** If molten polymer contacts the skin, cool rapidly with water and obtain medical attention for thermal burn
- **Inhalation:** Not expected to present an inhalation hazard.
- **Ingestion:** No adverse health effects expected from ingestion.

**Medical conditions generally recognized as being aggravated by exposure:** None known.

**Primary Routes of Entry:** Mouth.

## V - Fire Fighting Measures

**Special Fire Fighting Procedures:** None

**Flash Point:** Greater than 650°F (ASTM E136)

**Flammability Limits:** Not Applicable

**Extinguishing Media:** Dry Chemical, Water Fog

**Autoignition Temperature:** Greater than 650°F (Est.)

**Unusual Fire & Explosion Hazards:** None

**Hazardous Combustion Products:** Incomplete combustion may produce Carbon Monoxide.

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## VI - Accidental Release Measures

**Land Spill:** Sweep up excess material and put in container for disposal. Comply with applicable disposal regulations.

**Water Spill:** Skim from surface of water if possible. Advise local authorities if spilled in waterway, storm drain or sewer.

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## VII - Handling and Storage

**Appropriate Hygienic Practices:** Normal good shop safety practices are appropriate.

**Proper storage Conditions:** No special storage requirements.

**Stability:** Stable up to the melting point.

**Incompatibilities:** Strong oxidizers.

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## VIII - Exposure Controls / Personal Protection

### Engineering Controls:

None required other than normal good shop ventilation.

### Personal Protective Equipment:

Safety glasses, face shield or goggles as a matter of routine safe practices when working with molten polymers.

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## IX - Disposal Considerations

Dispose of in accordance with environmental regulations at local, state and federal levels. After use, dispose of as inert, mineral filled polymer resin.

This product is not listed in federal hazardous waste regulations 40CFR261.33 paragraphs (e) or (f), i.e. chemical products that are considered hazardous if they become wastes. It does not exhibit any of the hazardous characteristics listed in 40CFR261 Subpart C, nor is it regulated by OSHA standard 28CFR1910.1200. It is not subject to CERCLA or SARA 313 reporting requirements nor to California Proposition 65 reporting. All components are on the TSCA inventory.

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## X - Other Information

### Hazardous Materials Identification System Ratings

Health Hazard: 0 Minimal

Flammability Hazard: 1 Slight

Reactivity Hazard: 0 Minimal