

1. PRODUCT AND COMPANY IDENTIFICATION**PRODUCT IDENTIFICATION**

Product NameCoolPoly[®] E2;
CoolPoly[®] E200 CoolPoly[®] CM1010
FormulaMixture
Molecular WeightN/A
Product UseMolding compound
Product Identification Number (PIN)N/A

MANUFACTURER

Cool Polymers[®], Inc.
333 Strawberry Field Road
Warwick, RI 02886 USA

EMERGENCY TELEPHONE NUMBER

(800) 424-9300 CHEMTREC, outside US and Canada call 703-527-3887 collect

2. COMPOSITION/INFORMATION ON INGREDIENTS**CHEMICAL NAME**

Liquid Crystal Polymer
Proprietary filler

See Section 15 of this MSDS for OSHA Regulatory Status

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

Black, odorless pellets. Does not present a health hazard. Handling or processing may generate a dust that can cause mechanical irritation of the eyes, skin, nose and throat.

Not flammable. In case of fire, use extinguishing media suitable for the material that is burning.

Dusts or particles are electrically conductive and can cause shorting in electrical equipment which can occur explosively in high voltage equipment.

POTENTIAL HEALTH EFFECTS**PRIMARY ROUTE(S) OF ENTRY**

Eye and skin contact.

SYMPTOMS OF EXPOSURE

Skin Contact: Dusts may cause mechanical irritation.

Inhalation: May cause mechanical irritation if dusts are inhaled.

Eye Contact: Dusts may cause mechanical irritation.

Ingestion: None expected during normal industrial use.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None known.

CARCINOGEN OR POTENTIAL CARCINOGEN

- Not Applicable
- OSHA Suspect Carcinogen
- National Toxicology Program (NTP)
- International Agency for Research on Cancer (IARC)

4. FIRST AID MEASURES

Skin Contact: Wash affected areas with plenty of water, and soap if available, for several minutes. Seek medical attention if irritation develops and persists.

Inhalation: Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

Eye Contact: Rinse eyes with water. Remove any contact lenses, and continue flushing with plenty of water for several minutes. Seek medical attention if irritation develops and persists.

Ingestion: If large quantities of this material are swallowed, call a physician immediately. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point and MethodN/A

GENERAL HAZARD

Not flammable. Dusts or particles are electrically conductive and can cause shorting in electrical equipment which can occur explosively in high voltage equipment.

EXTINGUISHING MEDIA

In case of fire, use extinguishing media suitable for the material that is burning.

SPECIAL FIREFIGHTING INSTRUCTIONS

Move containers from area if it can be done without risk. Fight fire from maximum distance or a protected location, or use unmanned hose holders or monitor nozzles.

FIREFIGHTING EQUIPMENT

As in any fire, wear NIOSH approved, positive-pressure, self-contained breathing apparatus and full protective gear.

EXPLOSION DATA

Not applicable to product as sold. However, in secondary operations, such as sawing or grinding of molded parts, where dust clouds are generated, there is a potential for an explosion through static discharge.

6. ACCIDENTAL RELEASE MEASURES

Spill area will be slippery. Wear appropriate protective equipment (See Section 8). Sweep up and place in a

compatible container for disposal. Avoid creating dust.

7. HANDLING AND STORAGE

HANDLING

Wear appropriate protective equipment (See Section 8). Wash thoroughly after handling.

Avoid generating dusts. Keep container tightly closed when not in use.

Dusts or particles are electrically conductive and may cause short circuits that can damage electrical equipment. All forms of electrical equipment, enclosures and circuits in or near areas where this product is used or handled should be properly protected.

STORAGE

No special requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS

Use local exhaust to remove processing fumes.

PERSONAL PROTECTION

Respirator: In operations where dusts or processing fumes are generated, wear a NIOSH approved respirator that has been selected by a technically trained person for the specific work conditions. If respirators are used, OSHA requires compliance with its respiratory protection program.

Eye Protection: Wear safety glasses with side shields.

Gloves: Ordinary work gloves.

Clothing: Ordinary work clothing.

Other: Eye wash.

EXPOSURE CONTROLS

None established.

9. PHYSICAL AND CHEMICAL PROPERTIES

StatePellets
ColorBlack
OdorNone
Melting Point ° C324
Boiling Point ° CN/A
Specific Gravity @ 25° C...1.6

Vapor Density (Air = 1).....N/A
Vapor Pressure (mm Hg)N/A
pHN/A
Water Solubility (water)Negligible
Oil/Water Partition Coefficient.....N/E

10. STABILITY AND REACTIVITY**REACTIVITY**

Stable at room temperature and ordinary use conditions.

INCOMPATIBILITIES

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of carbon.

CONDITIONS TO AVOID

Dust generation

11. TOXICOLOGICAL INFORMATION**EYE IRRITATION**

Not expected to be a primary eye irritant.

SKIN IRRITATION

Not expected to be a primary skin irritant or skin sensitizer.

SKIN ABSORPTION

Not expected to be absorbed through skin.

CHRONIC TOXICITYA benzene suspension of the proprietary filler produced a weak, local tumorigenic response when applied to the skin of mice. A benzene extract of the proprietary fiber caused *in vitro* genetic effects. The relevance of these studies to man is questionable.**12. ECOLOGICAL INFORMATION****ECOTOXICOLOGICAL INFORMATION**

None Known.

13. DISPOSAL CONSIDERATIONS

RCRA Waste Code:.....Not regulated

Observe all applicable federal, state, and local regulations.

14. TRANSPORT INFORMATION**U.S. DOT**

Hazard Class.....Not regulated

Canadian TDG

Classification.....Not regulated

15. REGULATORY INFORMATION**HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)**

This product is not an OSHA hazardous chemical.

CAA STANDARDS (40 CFR 60.489)

N/A

CERCLA/SUPERFUND (40 CFR 117, 302)

RQ:N/A

SARA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355)

TPQ:N/A

SARA HAZARD CATEGORIES (40 CFR 370)

<input checked="" type="checkbox"/> None	<input type="checkbox"/> Acute	<input type="checkbox"/> Chronic
<input type="checkbox"/> Fire	<input type="checkbox"/> Pressure	<input type="checkbox"/> Reactive

SARA TOXIC CHEMICALS (40 CFR 372)

N/A

TSCA CHEMICAL SPECIFIC RULES

None

CANADIAN CONTROLLED PRODUCTS (CPR Section (33))

This product has been classified according to the hazard criteria of the Controlled Products Regulations, and the MSDS contains all required information.

This product is not a controlled product

INVENTORY STATUS

The chemicals in this product are listed on the US TSCA Chemical Substances Inventory and the Canadian Domestic Substances List.

STATE REGULATIONS

None apply.

16. OTHER INFORMATION

NFPA RATING

Health1
Fire.....0
Reactivity0

ABBREVIATIONS

N/A - Not applicable
N/D - Not determined
N/E - Not established

N/K - Not known
NAERG - North American Emergency Response Guidebook
RQ - Reportable Quantity
TDG Transport of Dangerous Goods (Canada)
TPQ - Threshold Planning Quantity

PREPARATION INFORMATION

Prepared by:.....Product Safety Department
Date Prepared:.....September 20, 2000

Cool Polymersä , Inc. is ISO 9001 Certified.