

Revised: 10/1/09



MATERIAL SAFETY DATA SHEET
Ethel Cellulose Plastic Pellets

SECTION I
Chemical Product & Company

Product Name: Compounded Ethyl Cellulose Plastic
Chemical Name: N/A
Synonym(s): EC, Ethyl Cellulose
Formula / Product: Various Formulations
Manufacturer: Rotuba Extruders, Inc.
1401 Park Avenue South
Linden, NJ 07036-1698 (USA)
For Information: Call (908) 486-1000, EST Monday through Friday
9:00 AM to 5:00 PM
Information Date: 10/16/96
Molecular Weight: N/A
Product Use: Plastic

SECTION II
Product Component Data

Components	Approx. Weight %	CAS Registry #
Ethyl Cellulose Polymer	> 74	9004-57-3
Di-Phenyl Ether	14 - 26	61702-88-3

(This is a general range of formulations. Specific certificates of analysis are available upon request.)

SECTION III
Hazards Identification

HMIS® Hazard Rating: Health – 1, Flammability – 1, Chemical Reactivity – 0

Product is in solid pellet form. Processing by user will require melting at high temperatures, thereby exposing workers to potential thermal burns. Appropriate PPE is recommended.

SECTION IV First-Aid Measures

- Inhalation:** If symptomatic, move to fresh air. Get medical attention if symptoms persist.
- Eyes:** Solid particles may scratch the eye.
If molten material contact the eye, immediately flush with plenty of water for at least 15 minutes.
Get medical attention immediately.
- Skin:** If burned by molten material, cool as quickly as possible. Do not remove or peel material from the skin. Get medical attention.
- Ingestion:** Ingestion of plastic pellets should be directed to a medical practitioner for advice.
- Note to Physicians:** Burns should be treated as thermal burns.

SECTION V Fire Fighting Measures

- Flash Point:** Not applicable, combustible solid
- Lower and Upper Explosive Limit:** Not applicable.
- Extinguishing Media:** Water spray or dry chemical.
- Special Fire Fighting Procedure:** Wear self-contained breathing apparatus and protective clothing.
- Unusual Fire & Explosion Hazards:** None.

SECTION VI Accidental Release

Sweep or scoop up and remove any spilled pellets. Collect and contain for salvage or disposal. Observe all Federal, State, and local laws concerning health and environment.

SECTION VII Handling & Storage

- Storage:** Keep container closed.
- Personal Precautionary Measures:** Avoid contact with molten material. Avoid prolonged breathing of vapor from heated material. Process with only adequate ventilation.

SECTION VIII Exposure Controls / Personal Protection

- Ventilation:** Good general ventilation when working with melted plastic. Ventilation rates should be matched to the conditions. Use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.
- Respiratory Protection:** There are no known exposure limits. If engineering controls do not maintain airborne concentrations below operator comfort levels, an approved respirator should be worn.
- Eye Protection:** Wear a face shield or approved safety glasses when working with molten materials.
- Skin Protection:** Wear gloves and long sleeves to protect against thermal burns when material is heated.

SECTION IX
Physical and Chemical Data

Physical Form	Solid Pellet
Color	Varies with formulation
Odor	Slight (Characteristic)
Specific Gravity	>1.0
Vapor Pressure	Negligible
Solubility in Water	Negligible
Boiling Point	N/A
Evaporation Rate	N/A
Solubility	Negligible

SECTION X
Stability & Reactivity

Stability: Stable
Incompatibility: Material can react with strong oxidizing agents.
Hazardous Polymerization: Will not occur.
Hazardous Combustion Products: Carbon dioxide, carbon monoxide.

SECTION XI
Toxicological Information

Toxicity Data: Base Polymer is not listed as cancer causing by NTP, IARC, or OSHA
Plasticizer component has not been fully investigated, but is believed to be of low toxicity.
No components are listed in TSCA.

SECTION XII
Ecological Information

This material has not been tested for environmental effects, but does not contain any components regulated under SARA title III, RCRA or TSCA 12B.