

Revised: 11/1/06



MATERIAL SAFETY DATA SHEET
Fragranced Cellulose Acetate Propionate Plastic Pellets
Auracell® CAP

SECTION I
Chemical Product & Company

Product Name: Fragranced Cellulose Acetate Propionate Plastic Pellets
Chemical Name: N/A
Synonym(s): Auracell®, Auracell® CAP
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 #
Cellulose Acetate Propionate	> 75	9004-39-1
Diethyl Phthalate*	0 - 20	84-66-2
Dioctyl Adipate*	0 - 20	103-23-1
Hexylene Glycol	< 10	107-41-5
Fragrance Components**	< 20	Proprietary
Colorants / Additives	< 10	Proprietary

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

* Specific formulations may be specified with either DEP or DOA, or a mixture of these plasticizers.

**MSDS for the fragrance component for a specific formulation from the fragrance manufacturer can be supplied 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

Diethyl Phthalate US ACGIH TLV TWA: 5mg/m³
US NIOSH: REL: 5mg/m³

Hexylene Glycol US ACGIH TLV 25ppm TWA: 121mg/m³
US NIOSH: REL: 25ppm

Ventilation: Good general ventilation. 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: If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must 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
Specific Gravity	>1
Vapor Pressure	N/A
Solubility in Water	Negligible
pH	N/A
Flash Point	N/A, combustible solid

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

An independent toxicological review has been conducted of representative formulas of CAP based Auracell®, including the polymer, plasticizers, stabilizers, and representative fragrance / pigment types. In addition, representative formulation samples were also submitted for oral toxicity and dermal irritation testing.

- The representative samples submitted for acute oral toxicity testing indicate the formula is non-toxic as defined by the Consumer Product Safety Commission.
- The representative samples submitted for dermal irritation testing under standard OECD protocols indicate the formula is non-irritating when subjected to prolonged (24 hour) skin contact.

No ingredients or components contained within this product at greater than 0.1% are classified as carcinogenic. It is recommended that Auracell® formulations and ingredients be specifically evaluated on a case-by-case basis for specific applications and intended uses to ensure fitness for use.

SECTION XII
Ecological Information

This material has not been tested for environmental effects.