



MATERIAL SAFETY DATA SHEET

Product Name: Polypropylene Containers

SECTION I – PRODUCT IDENTIFICATION

Synonym: N/A
Manufacturer's Name: Anchor Packaging
Address: 13515 Barrett Parkway Drive
 Ballwin, MO 63021
Formula: Trade Secret
Division: Polypropylene
Date of Preparation: April 20, 2009
Revision Date: February 14, 2019
Reviewed: June 13, 2023

SECTION II – HAZARDOUS INGREDIENTS

Ingredient Name	CAS No.	% Wt	Exposure Limits
Polypropylene	25085534	100	N (Hazardous) N/A (OSHA PEL TWA) N/A (ACGIH TLV TWA)

SECTION III – PHYSICAL/CHEMICAL PROPERTIES

Appearance: Opaque (whitish)
Boiling Point: N/A
Evaporation Rate: N/A
Freezing Point: N/A
Octanol/Water Partition Coefficient: N/A
Odor: Odorless
Percent Volatile: N/A
Molecular/Chemical Formula: $(-\text{CH}(\text{CH}_3)\text{CH}_2-\)_x$
Bulk Density: N/A
Melting Point: 160-170°C (softening)
Water/Oil Distribution Coefficient: N/A
Odor Threshold: N/A
PH Value: N/A
Physical State: Solid
Solubility in Water: Negligible
Vapor Density: N/A
Reactivity in Water: N/A
Specific Gravity or Density (Water =1): 0.90-0.91(@25° C)
Vapor Pressure: Negligible

SECTION IV – HAZARD IDENTIFICATION

Emergency Overview:	Caution! Generally recognized as a low potential industrial hazard. Inhalation of vapors from thermal processing may cause irritation to the upper respiratory tract.
Relevant Routes of Exposure:	Inhalation
Signs and Symptoms of Acute Overexposure:	Inhalation of fumes, vapors, and smoke from thermal processing may cause irritation to the upper respiratory tract. Symptoms may include burning sensation, coughing and sore throat. Molten resin may cause severe thermal burns to the eyes and skin. Symptoms may include redness, pain, blistering, and swelling of the effected areas.
Signs and Symptoms of Chronic Overexposure:	No known chronic health effects have been observed with normal product use.
Medical Conditions Generally Aggravated By Exposure:	Individuals with chronic respiratory disorders may be adversely affected by any fume or airborne particulate matter exposure. Persons with preexisting skin disorders may be more susceptible to the effects of this material.
Potential Health Effects:	
Eyes:	Possible irritation from decomposition and processing fumes. Thermal burns from molten material.
Skin:	Thermal burns from molten material.
Ingestion:	Product in marketed form is inert.
Carcinogenicity:	
NTP:	N/A
IARC:	N/A
OSHA:	N/A
ACGIH:	N/A
OTHER:	N/A

SECTION V – FIRST AID MEASURES

Eyes:	Flush immediately with plenty of cool water for at least 15 minutes. Call a physician.
Skin:	For thermal burns, immediately flush with plenty of cold water. If possible, submerge affected areas in cold water. Call a physician.
Ingestion:	Product in its marketed form is inert. No special first aid procedures necessary.
Inhalation:	For overexposure to heated resins, remove from exposure. If breathing is difficult, or has stopped, administer artificial respiration (mouth to mouth) or oxygen as indicated. Call a physician.

SECTION VI – FIRE FIGHTING PROCEDURES

Flammable Limits in Air (% by Volume):	N/A	Flash Point:	N/A
Extinguishing Media:	Use water spray, carbon dioxide or dry chemicals to extinguish fire.		
Fire Fighting Instructions:	Polypropylene is a slow burning plastic, which emits a dense black smoke. Firefighters should wear self-contained breathing apparatus and protective clothing when fighting fires of this type.		
Unusual Fire and Explosion Hazards:	Combustion products may be hazardous.		
Known or Anticipated Hazardous Products of Combustion:	Combustion products may include carbon dioxide, carbon monoxide and acrid smoke and fumes.		

SECTION VII – SPILL OR LEAK PROCEDURES

Spill Response:	N/A.
Waste Disposal Method:	Landfill as non-hazardous waste, plastic recycle, or incineration.
Reportable Quantities:	N/A.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Requirements:	Local exhaust should be used to control the emission of air contaminants.
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Personal Protective Equipment:

Eye/Face:

Wear chemical safety goggles/glasses to prevent eye contact. A face shield should be used when appropriate to prevent contact with molten product.

Skin:

When necessary, garments for protection against hot materials should be used to prevent skin contact with molten product.

Respiratory:

Respiratory protection approved by NIOSH/MSHA for protection against organic vapors and dusts/mists should be used to avoid inhalation of excessive air contaminants.

**Other Protective
Clothing/Equipment:**

Emergency eye wash stations should be available in work areas. General dilution ventilation may assist with the reduction of air contamination concentrations.

SECTION 1X – SPECIAL PRECAUTIONS

Precaution in handling:

N/A.

SECTION X – DISCLAIMER OF LIABILITY

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