

MATERIAL SAFETY DATA SHEET

Product Designation: CP5 FRPP (Flame Retardant Polypropylene)

Section 1

Manufacturer's Name	Compression Polymers Corp		
Address	801 Corey Street	Emergency Phone	570-346-8797
City, State, Zip	Scranton, PA 18505	FAX	570-346-5080
Date Prepared	January 24, 2012		

Section 2 - Hazardous Ingredients/Identity

This product has not been evaluated as a whole. All constituents are bound in a polymer matrix and potential for hazardous exposure as shipped is minimal. However, some fumes may be released upon heating and the user must take the necessary precautions (ventilation, personal protective equipment, etc.) to protect employees from exposure (see Section 7 - Special Precautions)

Hazardous Component(s) chemical/common names	OSHA PEL	ACGIH PEL	Other Exp. Limits	%	CAS Number
Bis(2,3-dibromopropyl ether) of Tetrabromobisphenol A	15mg/m ³	10mg/m ³		<12	21850-44-2
Antimony Trioxide (Antimony Oxide)	0.5mg/m ³ as Sb	0.5mg/m ³ as Sb		<5	1309-64-4

Section 3 - Physical and Chemical Characteristics

Boiling Point	NA	Specific Gravity (H ₂ O = 1)	~0.99	Vapor Pressure (mm Hg)	NA
Percent Volatility Volume (%)	NA	Vapor Density (Air = 1)	Solid	Evaporation Rate	NA
Solubility in Water	Insoluble		Reactivity in Water	None Known	
Appearance and Odor	Almond (natural) or colored plastic pellets; mild odor				
Melting Point	300-350°F (150-180°C)				

This Material Safety Data Sheet and the information it contains are offered to you in good faith as accurate. We believe the information it contains to be correct but cannot guarantee its accuracy or completeness. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.

Section 4 - Fire and Explosion Data

Flash Point	Unknown	Flammable Limits in Air % by Volume	Lower NA	Upper NA
Auto-Ignition Temperature	NA	Extinguisher Media	All Common (dry chemical preferred)	
Special Fire Fighting Procedures	A fine spray of fog or water will reduce intensity of flame. Keep exposed product cool to prevent melting or dripping. Do not use a solid stream of water, this could spread fire. Self-contained breathing apparatus should be worn to prevent inhalation of smoke and decomposition products			
Unusual Fire and Explosion Hazards	None Known			

Section 5 - Physical Hazards

Stability	Unstable <input type="checkbox"/>	Stable <input checked="" type="checkbox"/>	Conditions to Avoid	NA
Incompatibility (Materials to Avoid)	None Known			
Hazardous Decomposition Products	Oxides of carbon, low molecular weight hydrocarbons, HBr, Br ₂ , SbBr ₃			
Hazardous Polymerization	May Occur <input type="checkbox"/>	Will Not Occur <input checked="" type="checkbox"/>	Conditions to Avoid	NA

Section 6 - Health Hazards

Signs and Symptoms of Exposure	Acute Overexposure	None Known	Chronic Overexposure	None Known					
Medical Conditions Generally Aggravated by Exposure	None Known								
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	IARC Monographs	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	OSHA	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Emergency and First Aid Procedures

1. Inhalation - Remove person to fresh air and consult physician if respiratory irritation occurs
2. Eyes - Flush with water and consult physician
3. Skin - Not ordinarily required; treat contact with molten product as for ordinary burns
4. Ingestion - Consult physician

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Section 7 - Special Precautions and Spill/Leak Procedures

Precautions to be Taken in Handling and Storage	Do not store near flame or heat source
Other Precautions	Fumes may be released upon heating. Mechanical ventilation and/or an approved respiratory protection program may be required.
Steps to be Taken in Case Material is Released or Spilled	Sweep, shovel, or vacuum material into clean containers. Pellets on floor could present a slipping hazard.
Waste Disposal Methods	Dispose of in accordance with all local, State, and Federal regulations.

Section 8 - Special Protection Information/Control Measures

Respiratory Protection (Specify Type) Not ordinarily required

Ventilation Local Exhaust Mechanical (General) Special Other

Protective Gloves Not ordinarily required Eye Protection Safety Glasses

Protective Clothing or Equipment Protective clothing should be worn to prevent burns from molten product if exposure is likely.

Work/Hygienic Practices No special practices ordinarily required.