

MATERIAL SAFETY DATA SHEET

Section 1. Identity of Material

Product	75705	Fiberfil VO	PP-61/V2 NATL		
Synonyms:	Flame Retardant Copolymer Polypropylene				
Formula:		CAS Number:		Chem Family:	Polypropylene
Regulated	DOT Proper Shipping Name:				
Identification	Shipping ID Number	UN	NA	EPA Hazardous Waste ID Number	
HAZARDOUS INGREDIENTS				%	CAS NUMBER
Organo Bromine Compound: TLV Not Established				3	42757-55-1
Antimony Oxide: 0.50 mg/m3 OSHA				<3	1309-64-4

Section 2. Hazardous Specifications

Known Hazards Under 29 CFR 1910.1200		TLV:		ppm		mg/m3
<input type="checkbox"/> Combustible Liquid <input type="checkbox"/> Flammable Material <input type="checkbox"/> Pyrophoric Material <input type="checkbox"/> Explosive Material <input type="checkbox"/> Unstable Material <input type="checkbox"/> Water Reactive Materi <input type="checkbox"/> Oxidizer <input type="checkbox"/> Organic Peroxide <input type="checkbox"/> Corrosive Material <input type="checkbox"/> Compressed Gas <input checked="" type="checkbox"/> Irritant	<input checked="" type="checkbox"/> Skin Hazard <input checked="" type="checkbox"/> Eye Hazard <input type="checkbox"/> Toxic Agent <input type="checkbox"/> Highly Toxic Agent <input type="checkbox"/> Sensitizer <input type="checkbox"/> Carcinogen <input type="checkbox"/> ReproductiveToxin <input type="checkbox"/> Blood Toxin <input type="checkbox"/> Nervous System Toxi <input type="checkbox"/> Lung Toxin <input type="checkbox"/> Liver Toxin <input type="checkbox"/> Kidney Toxin	PEL:		ppm	0.50	mg/m3
NFPA HAZARD SIGNAL						
		Health:		Flammability:		
		Stability:		Special:		
DOT HAZARD CLASS						
NOT REGULATED						
EPA HAZARD WASTE CLASS						
None						

Section 3. Safe Usage Data

PROTECTIVE EQUIPMENT TYPES	EYES	<i>Safety glasses recommended when handling compound.</i>
	RESPIRATORY	<i>Not required under normal processing conditions.</i>
	GLOVES	
	OTHER	
VENTILATION	GENERAL MECHANICAL	
	LOCAL EXHAUST	<i>Preferred.</i>
PRECAUTIONS	STORAGE / HANDLING	
	OTHER	

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Section 4. Emergency Response Data

FIRE	EXTINGUISHING MEDIA	Carbon Dioxide, Water, Dry Chemicals.
	SPECIAL PROCEDURES	Firefighters and others exposed to products of combustion should wear self-contained breathing apparatus.
	UNUSUAL HAZARD	None
EXPOSURE	FIRST AID MEASURES	Contact with molten compound can cause thermal burns. If burned, flush area with cool water. Do not attempt to remove material adhering to skin. See prompt medical attention.
SPILLS	STEPS TO BE TAKEN	Sweep up spilled material to prevent slipping hazard.
	WASTE DISPOSAL METHOD	Incinerate or landfill in accordance with local, state, and federal regulations.

Section 5. Physical Hazard Data

FLAMMABILITY	LFL =	%	FLASH POINT	NL
		N/A		(Base Polymers)
	UFL =	%	METHOD USED:	
STABILITY	STABLE	X	CONDITIONS TO AVOID:	Prolonged heating above 550 °F
	UNSTABLE		HAZARDOUS DECOMP. PDTS	HBr, CO, CO ₂ ,
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID:	None
	WILL NOT OCCUR	X		
INCOMPATIBILITY	MATERIALS TO AVOID	Chlorinated Solvents, Strong Acids		

Section 6. Health Hazard Data

EFFECTS OF EXPOSURE	Contact with compound may cause mechanical irritation of the skin, eye and upper respiratory tract. No chronic or long term health effect known.
WARNING	
ENTRY ROUTE	Inhale X Skin X Eye X Ingested
EMERGENCY TREATMENT	Skin: Wash with soap and water. Eyes: Flush with water for 15 minutes. Inhalation: Remove from exposure. If irritation persists, seek prompt medical attention.

Section 7. Physical and Chemical Properties

BOILING PT. = N/A °F °C	VAPOR DENSITY: N/A	VOLATILE COMPONENTS: N/A
VAPOR PRESS = N/A mmHg psi	WILL DISSOLVE IN:	pH: N/A
SOLUBILITY IN H ₂ O Negligible	Aromatic Hydrocarbon	EVAPORATION RATE: N/A
APPEARANCE: Solid Cylindrical Pellets	Solvents	Is Material Paste Power
ODOR: No Significant Odor		(Solid) Liquid Gas

Section 8. Manufacturer or Supplier Data

FIRM'S NAME MAILING ADDRESS DSM Engineering Plastics P.O. Box 3333 Evansville, Indiana 47732-3333 (N/A = Not Applicable) (N/L = Not Listed)	NAME (PRINT)	Richard M. Wenger
	SIGNATURE	
	TITLE	Vice President, Research and Development
	DATE	Tuesday, February 01, 2000
	EMERGENCY TELEPHONE NUMBER:	(812) 435-7500