

MATERIAL SAFETY DATA SHEET

An explanation of the terms used herein may be found in OSHA 29 CFR 1910, 1200,
available from OSHA regional or area offices.

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I. PRODUCT INFORMATION

PRODUCT	Flexible Molding	MOLECULAR WEIGHT	N/A
CHEMICAL NAMES	Polyester	SYNONYMS	N/A
CHEMICAL FAMILY	Polyester	TRADE NAMES	Duraflex / SpeedCove
FORMULA	N/A		

II. HAZARDOUS INGREDIENTS

MATERIAL (CAS #)	Wt. (%)	D.O.T. HAZARDS
Silicon dioxide, amorphous (7631-86-9)	1	
Limestone (1317-65-3)	26	
Naphtha, light aromatic (64742-95-6)	< 1	
Methyl ethyl ketone peroxide (1338-23-4)	< 1	

III. PHYSICAL DATA

BOILING POINT, 760 mmHg	n/a	FREEZING POINT	n/a
SPECIFIC GRAVITY (H2O = 1)	1.36	VAPOR PRESSURE @ 20° C	none
VAPOR DENSITY (air = 1)	n/a	SOLUBILITY IN WATER (%)	n/a
% VOLATILES BY VOLUME	< 1	EVAPORATION RATE (BuAc = 1)	n/a
APPEARANCE AND ODOR	flexible solid; no odor		

IV. HEALTH HAZARD DATA

COMPONENT	ROUTE	EXPOSURE LIMITS AND HAZARDS
Styrene	air	TLV: 215 mg/m ³ ; STEL: 425 mg/m ³ ; PEL 425 mg/m ³
Limestone	dust	TLV: 10 mg/m ³ ; PEL 5 mg/m ³ (respirable); 15 mg/m ³ (total dust)
Silica, amorphous	dust	PEL: 5 mg/m ³ (TWA respirable)
MEK Peroxide	air	TLV: 5 mg/m ³

V. GENERAL HAZARD DATA

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VI. EMERGENCY AND FIRST AID PROCEDURES

INGESTION: Ingestion should not cause any significant health problems. If a large amount is ingested and if conscious, give large quantities of water to induce vomiting. Get medical attention.

EYE CONTACT: Flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

SKIN CONTACT: Wash after contact with mild soap and water

INHALATION: Remove from the exposure area.

NOTES TO PHYSICIAN:

VI. EMERGENCY AND FIRST AID PROCEDURES

Flash Point (test method)	n/a	Autoignition Temperature	> 400° C (750° F)
Flammable Limits in Air % by volume	Lower: n/a	Upper:	n/a
Extinguishing Media: dry chemical or water spray			
Special Fire Fighting Procedures: Use water spray to cool fire-exposed containers.			
Unusual Fire and Explosion Hazards: Fire may produce poisonous or irritating gas, fumes, or vapor. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full face mask and full protective equipment.			

VII. REACTIVITY DATA

STABILITY		Conditions to Avoid: Stable under normal conditions of use.
UNSTABLE	STABLE	
	X	

INCOMPATIBILITY (materials to avoid): Avoid contact with strong oxidizers and strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition products may be hazardous.

HAZARDOUS POLYMERIZATION		Conditions to Avoid: Avoid contact with strong oxidizers and strong acids.
May Occur	Will Not Occur	
	X	

IX. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Material is solid and non-toxic under normal use.

WASTE DISPOSAL METHOD: This material is not considered to be a RCRA hazardous waste and may be disposed in a site suitable for industrial wastes. Refer to any local, state, or federal regulations for specific disposal information.

X. SPECIAL PROTECTION INFORMATION

XI. HAZARDOUS CATEGORIES AND INFORMATION

HMIS HAZARD RATINGS (Based on the National Paint & Coatings Association)

HEALTH:	0 - minimal	FLAMMABILITY:	1 - slight	REACTIVITY:	0 - minimal
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D.O.T. PROPER SHIPPING NAME: Not regulated