Fimor NORTH AMERICA
Formerly known as Harkness Industries

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION

Manufacturer:	Fimor North America 50 Grandview Court Cheshire, CT. 06410	**Telephone:**	203-272-3219
Trade Name:	None	**CAS Number:**	NA
Chemical name:	Thermoset Polyurethane Elastomer	**Chemical Family:**	Polyurethane

II. SPECIAL REGULATORY HAZARDS

Ingredient	**CAS No.**	**Exposure Limit**	**OSHA (1910.1200)**	**EEC***
Product	N/A	N/D	Not Hazardous	Not Hazardous
Transportation:	N/A			

Not Applicable: Polyurethane elastomers are fully reacted polymers molded into articles, which are not considered hazardous.

III. PHYSICAL DATA

Appearance and Odor:	Molded Parts or sheets, no characteristic odor		
Solubility:	Insoluble in water	**Specific Gravity (H 0=1):**	1.1-1.25
Melting Point:	N/A	**Vapor Pressure @ 20 C.**	N/A
Boiling Point:	N/A	**Vapor Density (Air=1):**	N/A
Other Data:	None	**Volatility @ 70 F:**	None

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point:	N/A	**Auto ignition Temp:**	N/D
Extinguishing Media:	Water Spray, Dry Chemical, Foam, or Carbon Dioxide	**Flammable Limits in Air:**	N/D
Special Fire Fighting Procedures:	Protect against inhalation of combustion products, self-contained breathing apparatus should be used. Avoid breathing smoke, fumes, and decomposition products. Product may melt, after ignition, to form flammable liquids. Burning produces intense heat, dense smoke, and toxic gases such as carbon monoxide, oxides of nitrogen, and traces of cyanide.		
Unusual Hazards:	None Identified		

V. REACTIVITY DATA

Stability:	Stable at ambient temperatures and pressures		
Incompatibility:	None identified		
Decomposition Products:	Oxides of carbon , water and smoke under burning conditions.		
	Other combustion products are hydrogen cyanide, aromatic and Aliphatic hydrocarbons.		

VI. SPECIAL PROTECTION INFORMATION

Engineering Controls:	Ventilation: Localize Exhaust – As required to reduce dust or vapors below OSHA limits		
Personal Protection Equipment:	Grinding: Wear a dusk mask Hot Wire Cutting: Use an air purifying respirator with an organic cartridge if local ventilation is inadequate. Protective gloves: None required Eye Protection: Safety glasses with side shields or goggles are recommended during cutting, grinding, or machining operations.		

VII. STORAGE, SPILLS, AND DISPOSAL INFORMATION

Storage:	Store Away from sources of direct heat		
Spills:	N/A		
Disposal:	In accordance with any applicable local, state, or federal regulation regarding disposal of polymer waste.		
Environmental Information:	Environmental effects have not been determined.		

VIII. HEALTH RELATED DATA

Specific Hazard (s):	**Health Hazards (Acute and Chronic)** Acute – None known from solid articles. Vapors from hot wire cutting can be irritating and result in coughing. The vapors may contain trace amounts of toluene diisocyanate (TDI) or diphenylmethane diisocyanate (MDI). Chronic – Animal studies indicate that chronic inhalation or overexposure to dusts may cause inflammation of the lungs, fibrosis, and airway obstruction.		
Primary Route (s) of Entry:	**Inhalation**: Yes, primary route **Skin**: No **Ingestion**: No toxic effects Inhalation of dust during grinding and machining, or inhalation of vapors during hot wire cutting.		
First Aid Procedures:	Flush eyes with water if dust from grinding causes irritation		
Toxicology Information:	There is no toxicology information available for this product. However, as with most high molecular weight polymers, this material is considered inert.		

N/A = NOT Applicable **ND = Not Determined** *** European Economic Community**

Date Issued: 1-1-86 Revision Date: 4-27-2022