



MSDS Material Safety Data Sheet

Poly Urethane

Product Identification

Thermoplastic and Thermoset Poly Urethane materials

Sheet and Rolls and End products manufactured by Filcoflex from Poly Urethane roll / sheet materials with the following Filcoflex brand or type names;

- PU-UF03, PU-UF05, PU-UF07, PU-UF09
- PU-UF1
- PU-UF15
- PU-UF20, PU-UF30
- PKPU
- PUW1
- PUTEXW1
- PUMAG08
- PUAS10, PUAS20
- PU-UF3

Molded products, manufactured from thermoset Poly Urethane.

Physical and Chemical Properties

Appearance	Molded parts or sheets
Odor:	Slight odor
Percent Volatiles	None
Melting point	
Thermoplastic:	100 – 150°C
Thermoset:	none
Solubility in water:	Insoluble
Specific Gravity:	1.1 – 1.2

Stability and Reactivity

Stability:	Stable at ambient temperatures and pressures
Conditions to avoid:	Non known

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Exposure Controls/Personal Protection

Ventilation

Local exhaust at processing equipment. Grinding and machining of parts should be reviewed to assure that particulate levels are kept below recommended standards.

Protective Equipment

Skin: Protective gloves, long sleeve cotton shirt and long pants are required when handling molten material.

EYE: Safety glasses are recommended to prevent particulate from entering eyes while grinding or machining.

RESPIRATOR: None under normal processing, if ventilation is adequate

Health hazards

Acute or immediate effects

Skin:	Molten Material may cause thermal burns
Inhalation:	Shapes are not considered an inhalation hazard
Ingestion:	Not a probable route of exposure
Long term delayed effects:	Non Known
Medical conditions aggravated by exposure:	Non Known
Chronic effects:	as with most high molecular weight polymer, this material is considered inert

First Aid Measures

Skin:	if molten polymer contacts skin, cool rapidly with cold water. Do not attempt to peel polymer from skin. Obtain medical attention for thermal burns
Eyes:	in case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician if symptoms persist.
Inhalation:	if exposure to fumes from overheating, move to fresh air. Consult physician if symptoms persist

Toxicological Information

Chronic Toxicity:	Harmless
Medical conditions prone to aggravation by exposure:	no information available

Fire Fighting Measures

Autoignition Temperature:	Not Applicable
Hazardous products of combustion:	Oxides of carbon, water and smoke under burning conditions. Other combustion products are hydrogen cyanide, aromatic and aliphatic hydrocarbons



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Accidental Release Measures

Spill or Release: Non Applicable

Handling and Storage:

Handling: Open containers in well ventilated area

Storage: Store away from sources of heat.

Disposal considerations

Disposal: Treatment and disposal must be in accordance with federal, state, provincial and local regulations.

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