



International Polyurethane Systems

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FLEXIBLE FOAM FF3901/4 MATERIAL DATA SHEET

PRODUCT DESCRIPTION

FF3901/4 is a water-blown, molded, flexible foam system, in the 4-5 lb/ft density range, based on aromatic MDI. This system is formulated for high-resilience (HR) molded flexible foams with medium to high load bearing properties. This system exhibits good flow for numerous parts including arm/headrests, exercise mats, furniture seating, etc. As with any product, use of this system must be tested in advance by the user to determine suitability. Our foams provide resilience and high load bearing properties, thereby producing durable, long lasting products. This foam can be applied by two component plural equipment or by hand batching.

TECHNICAL DATA

Chemical Properties

Properties	Unit	Test Method	Typical Values		
			Polyol	Isocyanate	Mixture
Appearance			milky white	dark brown	brown
Density	g/cm ³	ASTM-D 1475	1.02	1.22	1.03
Viscosity @ 25°C (Brookfield DV-2+ @ 20RPM Spindle 3)	cP	ASTM-D 4878	1350	82	600
Flash Point	°C		>200	>110	>200
Mixing Ratio @ 22°C	by weight		100	40	
Mixing Ratio @ 22°C	by volume		100	33	
Cream Time @ 22°C	s				20-25
Rise Time @ 22°C	s				120-125
Molded Density	lb/ft ³	ASTM-D 3574			4.5 – 5.2

SAFETY/PRECAUTIONS

CORROSIVE AND IRRITATING TO EYES, SKIN AND LUNGS. MAY BE AGGRAVATING TO ASTHMA, BRONCHITIS, EMPHYSEMA, SKIN ALLERGIES, AND ECZEMA. HARMFUL OR FATAL IF SWALLOWED.

Use only with adequate ventilation. Do not wear contact lenses when handling. Wear chemical resistant gloves and eye protection when in contact. Keep container tightly closed when not in use. Have an eye wash station and emergency shower available.

First Aid: See MSDS. **CARE MUST BE TAKEN TO PREVENT ENVIRONMENTAL CONTAMINATION FROM THE USE OF THIS MATERIAL. THE USER OF THIS MATERIAL HAS THE RESPONSIBILITY TO DISPOSE OF UNUSED MATERIAL, RESIDUES, AND CONTAINERS IN COMPLIANCE WITH ALL RELEVANT LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS REGARDING TREATMENT, STORAGE AND DISPOSAL FOR HAZARDOUS AND NON-HAZARDOUS WASTES.**

Empty containers should be decontaminated and either passed to an approved drum recycler or destroyed.

Emergency Contact Number: Canutec (613)-966-6666

APPLICATION/DIRECTIONS

Mix Part B Polyol well before use or transferring.

STORAGE/SHELF LIFE

Material should be stored in a tightly closed container. Keep in a cool, dry, and well ventilated place. Keep away from incompatible materials. Avoid contact with water or moist air. Keep at a temperature between 20-25°C (75-77°F) for quality reasons. This product has a shelf life of approximately 6 months.

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