

TECHNICAL DATA SHEET

Material Specification Criteria | Project Submittal Data

PREMIPOUR™

PREMIPOUR™ 5000

CLOSED CELL FOAM POLYURETHANE SPRAY FOAM SYSTEM

PremiPour™ 5000 is a two-component, closed-cell, rigid, all water blown polyurethane foam. The molded foam exhibits good impact resistance, high shear and flexural strength, and excellent flow characteristics. PremiPour™ 5000 is Class **HB** per ASTM D 635-03 making it suitable for interior use. This product makes an exceptionally hard-skinned molded part. PremiPour™ 5000 utilizes renewable resources making this product “Green” in nature.

PROPOSED USES: Include **taxidermy, furniture production, decoys, floats, water skis, decorative molding** or where high density and hard exterior is required.

TYPICAL COMPONENT PROPERTIES:

PROPERTY	TEST METHOD	A COMPONENT	B COMPONENT
COLOUR	N/A	Brown	Yellow
VISCOSITY	Brookfield LVF	100-300 CPS	1,600-3,000 CPS
SPECIFIC GRAVITY	ASTM D 1638	1.24	1.05
WEIGHT PER GALLON	From Specific Gravity	10.3 lbs	8.75 lbs
MIXING RATIO	By Weight	52	48

Times are influenced by efficiency of pouring equipment, temperature of the components, ambient conditions, and thickness of the foam, etc.

STORAGE/SHELF LIFE: Components “A” and “B” should be stored in their original, unopened containers at temperatures between 65°F and 85°F. Shelf life of unopened, sealed containers approximately six months under those storage conditions.

EQUIPMENT: Recommended proportioning equipment is manufactured by Graco or similar proportioning equipment. Mixing ratio by volume is 50 parts A to 50 parts B (1:1). Equipment shall be of the heated, airless type, capable of maintaining 100°F to 140°F at the dispensing gun. Optimum material application temperature will vary with type of equipment used, substrate, ambient temperature, and humidity.

WARNING: Polyurethane foam may present a fire risk in certain applications if exposed to fire or excessive heat, e.g. welding and cutting torches.

For proper use of this product or any polyurethane foam, refer to the Accella application information and any appropriate codes.

For large voids or production jobs, a proportioned machine with a pouring gun is preferable. Use caution to avoid pouring too much foam that may allow exothermic reaction and heat buildup to cause fire. The cavity being filled should be vented to relieve pressure from the rising foam.

DISCLAIMER: To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. User must contact Accella Polyurethane Systems to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by Accella Polyurethane Systems. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY ACCELLA POLYURETHANE SYSTEMS EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

PROCESSING CHARACTERISTICS:

REACTIVITY	VALUE
CREAM TIME @ 74°F	65-75 seconds
TACK FREE TIME @ 74°F	135-165 seconds
GEL TIME @ 74°F	130-150 seconds
VARIABLE DENSITY	2.7- 22 +/- .5 pcf



MANUFACTURED BY:

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EMERGENCY NOTIFICATIONS:

CHEMTREC : Material Leaks, Spills
or Fire (800) 424-9300

HEADQUARTERS:

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