




TECHNICAL DATA SHEET

Sport Tough Turf Adhesive

LOW PRESSURE POLYURETHANE SYNTHETIC TURF ADHESIVE INFORMATION

Description	Sport Tough Adhesive is self-contained, two-component polyurethane adhesive specially designed to incorporate speed and simplicity to synthetic turf installations.
SPF	Spray Polyurethane Synthetic Turf Adhesive
Applications	Specifically designed to adhere to Synthetic Turf.
Preparation for use	Substrate must be clean, dry, firm, free of loose particles, and free of dust, grease and mold release agents. Protect surfaces not to be foamed. Read SDS, Operating Instructions, and Product Stewardship Guidelines. For additional information go to www.californiasportssurfaces.com
Use	Condition chemical to 60-90°F (16-32°C). Follow instructions for set-up found in the operating instructions.
PPE	 Recommend using in a well-ventilated area with certified respiratory protection or a powered air purifying respirator (PAPR). Wear protective glasses with side shields or goggles, nitrile gloves, and clothing that protects against dermal exposure. Read all instructions and SDS (Section 8) prior to use of any product.
Note	FOR PROFESSIONAL USE ONLY. Always check the local building code before use. Cured low pressure polyurethane foam is non-toxic and inert.
Temperature	Please see chart located on page 2
Product Storage	Store in a dry area. Do not expose the kits or cylinders to open flame or temperatures above 90°F (32°C). Excessive heat can cause premature aging of components resulting in a shorter shelf-life.
Disposal	Refer to SDS (Section 13) for instructions. Always dispose of empty cylinders according to applicable federal, state, provincial and local regulations.
Shelf-life	12 months

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STANDARD

RESULTS

Density	ASTM D1622	2.5 lbs/ft ³ (40 kg/m ³)
Open Time		1-3 Minutes
*Water Absorption	ASTM D2842	
Tensile Strength	ASTM D1623	23 psi (158.6 kPa)
VOC Content	EPA Method 24	95 g/L when mixed

**Currently waiting for testing to be completed*

TEMPERATURE GUIDELINES

Chemical Storage Temperature	Optimum 60-90°F (16-32°C)
Outside Application Temperature	45-90°F (7-32°C)
Process Core Chemical Temperature	60-90°F (16-32°C)
Surface Temperature (Substrate)	45-90°F (7-32°C)
Cured Foam	-200°F to +240°F (-129°C to +116°C)

YIELD¹ (2.5 Density)

	Coverage 1/4 inch coating	Net Weight (Kit)
P12001 Sport Tough Turf Adhesive Repair Kit	Avg. 40 ft. \ MIN. 36 ft. \ Max. 49 FT. @ 6" spray*	3.8lbs.
P12048 Sport Tough Turf Adhesive Small Repair Kit	Avg. 446 ft. \ MIN. 403 ft. \ Max. 546 FT. @ 6" spray*	27.7 lbs.
P12049 Sport Tough Turf Adhesive Full-Size Repair Kit	Avg. 1427 ft. \ MIN. 1289 ft. \ Max. 1748 FT. @ 6" spray*	88.5 lbs.
¹ Yield is based on free-rise density. We state our core density/free-rise density when describing the foam. Applying foam into a cavity may result in higher in-place densities due to packing effects. These higher densities may result in lower yields. *Coverage rate will depend on the application method.		

NOTE: Physical properties shown are typical and are to serve only as a guide for engineering design. Results are obtained from specimens under ideal laboratory conditions and may vary upon use, temperature and ambient conditions. Right to change physical properties as a result of technical progress is reserved. Yields shown are optimum and will vary slightly depending on ambient conditions and application. This information supersedes all previously published data. The Customer is responsible for deciding whether products and associated TDS information are appropriate for customer's use.

WARNING:

ICP low pressure spray polyurethane foams and foam adhesives (SPF), are composed of diisocyanate, hydrofluoroolefin blowing agent, and a polyol blend. The urethane foam produced from these ingredients will support combustion and may present a fire hazard if exposed to a fire or excessive heat about 240°F (116°C). Read all instructions, SDS (Section 8) prior to use of any product. ICP polyurethane products are for professional use only.

Before using any product, read the SDS and instructions carefully before use (www.californiasportssurfaces.com). **SPF Products:** wear protective glasses with side shields or goggles unless using a full-face respirator, nitrile gloves, and clothing that protects against dermal exposure. Recommend dispensing product in a well-ventilated area and with certified respiratory protection or a powered air purifying respirator (PAPR); however, well ventilated exterior applications may not need respiratory protection. It is the responsibility of the employer to complete a PPE evaluation and/or exposure assessment to determine if respiratory protection is required.

Refer to each product's TDS for specifications, testing results, and other attributes. The customer is ultimately responsible for deciding whether products and associated TDS information are appropriate for customer's use. For professional use only. Building practices unrelated to materials can lead to potential mold issues. Material suppliers cannot provide assurance that mold will not develop in any specific system. Product uses a non-flammable compressed gas. Keep away from heat. Smoking and open flames, including hot work, should be prohibited in the vicinity of a foaming operation. Avoid contact with skin and eyes. May cause sensitization by inhalation and/or direct skin contact. Persons previously sensitized to Isocyanates may develop a cross-sensitization reaction to other isocyanates. Avoid prolonged or repeated breathing of vapor. Use in conformance with all local, state and federal regulations and safety requirements. Failure to strictly adhere to any recommended procedures and reasonable safety precautions shall release ICP Building Solutions Group of all liability with respect to the materials or the use thereof. For additional information and location of your nearest distributor, call ICP Building Solutions Group 330.753.4585.

LIMITED WARRANTY and LIMITATION OF DAMAGES: ICP Building Solutions Group warrants only that the product shall meet ICP Building Solutions Group's specifications for the product when shipped by ICP Building Solutions Group. NO OTHER EXPRESSED OR IMPLIED WARRANTIES APPLY AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT OUTSIDE THE U.S. AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED. Buyer and users assume all risks of use, handling and storage of the product. Failure to strictly adhere to any recommended procedures shall release ICP Building Solutions Group from all liability. The user of the product is responsible to determine suitability of the product for the particular use. The exclusive remedy as to any breach of warranty, negligence or other claim is limited to the replacement of the product. Liability for any indirect, incidental or consequential damage or loss is specifically excluded.

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