



### DESCRIPTION

Dragon Jacket X5™ is a unique elastomer that expands approximately 500% of its original volume during application. As Dragon Jacket X5™ rises, it bridges substrate imperfections to virtually eliminate blow-holes and pinholes when applied to porous surfaces. Dragon Jacket X5™ is formulated with the “ULTRA BOND™” molecule therefore is self-priming in most instances.

### COLORS

Dragon Jacket X5™ is available in Neutral, Medium Grey, and Sand. Dragon Jacket X5™ is photosensitive and will change color in a matter of minutes from application.

*Note: Dragon Jacket X5™ is an aromatic polyurea; therefore, as with all aromatics, color change and superficial oxidation will occur. Aliphatic urethane and other suitable topcoats can be used where long-term color stability and increased longevity in full sun exposure are of critical importance.*

### FEATURES

- 100% Solids
- No solvents
- No VOC's
- Extended tack time to allow deep surface penetration
- Compliant with FDA/USDA for incidental food contact

### DRY PROPERTIES

<b>Tensile Strength</b> ASTM D638	± 200 psi (1.4 mpa)
<b>Elongation</b> ASTM D638	± 300%
<b>Hardness (Shore A)</b> ASTM D2240-81	20 ± 5
<b>Service Temperature</b>	-50°F to +200°F (-45°C to +93°C)

\*The samples for tests were sprayed with LPG Proportioner with SPI Lock N Load gun using SPI polyurea nucleation kit.

\*\*All cured film properties are approximate since processing parameter, ad-mixture types, and quantities change physical properties of the cured elastomer. All samples for above tests were force cured for 48 hours or aged for more than three weeks. It is recommended that the user perform their own independent testing.

## GENERAL SAFETY, TOXICITY & HEALTH

# DRAGON JACKET X5™

## TECHNICAL DATA SHEET

PRELIMINARY

Safety Data Sheets are available for this coating material. Any individual who may come in contact with these products should read and understand the SDS.

**CHEMTREC EMERGENCY NUMBER:** NATIONAL: 1-800-424-9300 INTERNATIONAL: 1-703-527-3887

**WARNING:** Contact with skin or inhalation of vapors may cause an allergic reaction. Avoid eye contact with the liquid or spray mist. Hypersensitive persons should wear protective clothes, gloves and use protective cream on face, hands and exposed areas.

**CONTAMINATION:** Avoid moisture contamination in containers. Containers should not be resealed if contamination is suspected. Carbon Dioxide created pressure can develop. Do not attempt to use contaminated material.

**EYE PROTECTION:** Safety eye wear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield.

**RESPIRATORY PROTECTION:** Respiratory protection is **MANADATORY!** The vapors must not exceed the TLV (0.02 part per million). Harmful if inhaled and may casue allergy or asthma syntoms. Use a respirator approved for Isocyanates and organic vapors. If you are not sure or not able to monitor levels, or if you are spraying in an enclosed/indoor area, use MSHA/NIOSH approved supplied air respirator. Consider the application and environmental concentrations when deciding if additional protective measures are necessary.

**INGESTION:** Do not take internally. It is believed that ingestion of polymeric Isocyanates would not be fatal to humans, but may cause inflammation of mouth and stomach tissue.



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