

# TSC-300

## **SPECIAL PURPOSE OUTDOOR - INDOOR CARPET ADHESIVE FOR AZO INDUSTRIAL CARPET**

### Suitability

For permanent installations subject to golf spikes, skis, skates, rolling loads such as under office chairs; in auto showrooms; for airport entrances; pool areas or extra heavy traffic.

### Caution:

- **Keep Out Of The Reach of Children**
- **Not a Consumer Product**
- **Do Not Take Internally.**
- **If Swallowed Do Not Induce Vomiting,**
- **Seek Medical Attention Immediately**
- **Protect Eyes and Skin. Use Goggles and Gloves**
- **Use in Well Ventilated Areas**
- **Keep From Freezing**
- **Store Between 45oF and 95oF**
- **Close Container After Each Use**
- **Non Flammable**
- **Anti-Microbial**

### Description:

TSC-300 adhesive is a non-flammable one part water based special formula adhesive designed for the installation of AZO All Weather Carpet products, which contain sodium potassium soap in their natural rubber backings. The adhesive has superior water resistance after curing and can be used outdoors or indoors, above-, on-, or below grade, provided the subfloor is dry, has a suitable water barrier, and is free of hydrostatic pressure.

### Subfloor Preparation:

Use over sub-floors of plywood, concrete, or hardboard. **Do not** use adhesive where there is a presence of excessive moisture. Remove all dirt, grease, oil, wax, dust, or any foreign matter. Concrete subfloors should be absorbent, smooth and level, and fully cured (for at least 30 days) and dry <3 lb./1000 sft. moisture per Calcium Chloride Test. Concrete should not be coated with curing or sealing compounds, and subfloors must be free from moisture or hydrostatic pressure.

### Important - Disclaimer of Warranties

This adhesive is designed to work with floor coverings. The manufacturer cannot anticipate or control workmanship or particular job conditions such as type, absorbency, or condition of subfloor, temperature, humidity, air flow in the building, appropriate amount of adhesive application, appropriate trowel size for subfloor, open time, etc., **There are no warranties** (either express warranties or warranties of merchantability or fitness for use) which extend beyond the description on the face of this product. **It is solely the responsibility of the user to determine the suitability of this product and application instructions for the intended application.** The installer should ensure that job conditions are acceptable for the use of this adhesive by making a test patch. The adhesive is sold "as is". TSC agrees to replace defective materials only if a claim is made in writing within 60 days of shipment. TSC shall not be liable for labor, freight, incidental or consequential damages arising out of the use of this product.

**TSC-300 is NOT SUITABLE for ESD conductive AZO industrial Carpets.**

### Hazard Rating:

**Health - 1 Fire - 0 Stability - 0**

<b>Component:</b>		<b>TSRN #</b>
Elastomer	35-45%	80100302-5010P
Tackifier	12-25%	80100302-5018P
Process Oil	15-25%	80100302-5003P
Reinforcer	10-20%	80100302-5007P
Reinforcer	8-15%	80100302-5006P

(Approximately 85% solids)

Disposal: **Incineration or other Method as approved by Federal, Local, or State Regulations.**

### Installation:

**Carpet, floor, and adhesive must be conditioned above 65-70°F prior to installation.**

Apply with a 3/32" x 3/32" x 1/8" U-notched carpet adhesive trowel, coarser (5/32" or larger V-Notch) trowel if installing over rough or textured surfaces. **Lay the carpet into wet adhesive.. Measure and confirm usage of 80-100 sft./gallon adhesive.** Spread only enough area so that open Time of 10-15 minutes is not exceeded. **Do not entrap air and check for adhesive transfer - there should be an even amount of adhesive on floor and back of carpet..** Smooth the bonded area with firm, even pressure, using the back of a push broom or short length of a 2x4. Avoid squeezing adhesive through seams. Clean adhesive spots immediately with warm water. Cure for 12 hours before exposing to traffic or wet outdoor conditions.

### Clean-Up:

Fresh adhesive and tools can be cleaned with lukewarm, soapy water. Dried adhesive may be removed using mineral spirits.



## **Material Safety Data Sheet For Floor Coverings Adhesive TSC 300**

### **Section I**

Manufactured for Tek Stil Concepts, Inc., by XL Corporation, 237 Nance Road N.E. Calhoun, GA 30701.

**Emergency Phone Number: 706 625 0025.**

**Chemtrec 1 800 424 9300**

Product Class: Water Based Adhesive **Manufacturer** Codes: TSC 300 Solvent Free Outdoor Indoor Adhesive

### **Section II: Hazardous Ingredients**

Sara Title III Section 313 Ingredients: None Hazardous Ingredients OSHA: None  
Carcinogenic Ingredients OSHANTPAARC: None

### **Section III: Physical Data**

**Vapor Density:** Heavier Than Air **Evaporates:** Same As Water **Boiling Range:** 212°F **Percent Volatile By Weight:** 10 20%; **Weight/gal.:** 8.8 10.2 lb.

### **Section IV Fire and Explosion Hazard Data**

DOT Category: **Non Flammable** Flash Point: N/A LEL: ND Extinguishing Media: **Water mist, dry chemical, carbon dioxide, foam.** Unusual Fire and Explosion Hazard: **Liquid adhesive will not ignite; Dried adhesive will ignite if heated above 400°F, and/or exposed to ignition source, producing carbon monoxide, carbon dioxide, smoke and hydrocarbons.** Special Fire Fighting Procedures: **If dried adhesive ignites, use dry chemical or foam extinguishers, or a fog nozzle. For small areas carbon dioxide extinguishers can be used. Use air mask when combating dried adhesive fires.**

### **Section V: Health Hazard Data**

Permissible Exposure Level: **Not established.** Threshold Limit Value: **Not established.**  
Effects Of Exposure Inhalation: **None known.** Contact with Eye: **may cause minimal irritation.** Ingestion: **None known.** First Aid Eyes: **Flush with ample warm water.** First Aid Skin: **Wash with soap and water.** Ingestion: **For small amounts rinse mouth with water until taste is .gone; For large amounts do not induce vomiting and contact physician.**

### **Section VI Stability:: Reactivity Data**

Hazardous Polymerization: **Cannot occur** Stability: **Stable** Incompatibility: **None** Conditions To Avoid: **Strong acids or oxidants, temperatures below 35°F.**

### **Section VII: Spill Or Leak Procedures**

**Spill:** Scoop up excess with shovel, wash remainder with water. **Waste Disposal Method:** Landfill or incinerate as per local or state regulations.

### **Section VIII: Protective Equipment To Be Used**

**Ventilation:** No special requirements. Does not release hazardous vapors. **Protective Gloves:** No special requirements. **Eye Protection:** Recommended.

### **Section IX: Special Precautions or Other Comments**

Storage and Handling: Store in cool, dry place. Optimum temperature 70°F. Keep From Freezing. Keep sealed when not in use.

Date of Preparation 10/08

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