

# MATERIAL SAFETY DATA SHEET

Tower Sealants - CAT-5 Smooth Knife Grade Elastomeric Patch

FILE NO.: 045

MSDS DATE: 2/27/12

SUPERCEDES: 2/1811

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** CAT-5 Smooth Knife Grade Elastomeric Patch  
**SYNONYMS:** Elastomeric Patch  
**PRODUCT CODES:** TS-00096, TS-00170, TS-00171

**MANUFACTURER:** Tower Sealants LLC  
**ADDRESS:** 2095 Memorial Park Rd. Gainesville, GA 30504

**EMERGENCY CONTACT:** Chemtrec  
**CHEMTREC PHONE:** 1-800-424-9300  
**OTHER CALLS:** Not Applicable

**CHEMICAL NAME:** Acrylic Sealant  
**CHEMICAL FAMILY/Use:** Sealant  
**CHEMICAL FORMULA:** Mixture

**PREPARED BY:** Robert S Stannard V.P. Chemical Technology Tower Sealants

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## SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

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INGREDIENT	CAS NO.	% WT	TLV	PEL - TWA
Limestone	1317-65-3	30-60	2 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
Mineral Spirits	8052-41-3	< 1.5	100 ppm	100 ppm
Ethylene Glycol	107-21-1	<2.0	Not Established	Not Established
Acrylic Polymer	Proprietary	12-25	Not Established	Not Established
Oxydiethylene dibenzoate	120-55-8	4-10	Not Established	Not Established
Water	7732-18-5	>5	Not Established	Not Established
Titanium Dioxide	13463-67-7	1-10	15 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
Quartz (SiO <sub>2</sub> )	14808-60-7	<0.1 - 1	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>

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## SECTION 3: HAZARDS IDENTIFICATION

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### EFFECTS OF OVEREXPOSURE - ACUTE EFFECTS:

**EYES:** Direct contact may cause slight to moderate irritation.  
**SKIN:** May cause allergic skin reactions and / or central nervous system depression.  
**INHALATION:** May cause slight irritation to respiratory passages – headache – dizziness.  
**INGESTION:** Low ingestion hazard in normal use.

### PROLONGED / REPEATED EXPOSURE EFFECTS:

**SKIN:** May cause allergic skin reactions, defatting, drying, and dermatitis.  
**INHALATION:** No applicable information available.  
**INGESTION:** May cause adverse kidney effects.

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**OTHER:** Some adverse reproduction effects have been reported in animals.

This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Since this product is not designed to be sanded, the risk of exposure is considered to be low

This formulation contains material which in their raw form are considered dust hazards. When in this formulation, the dust hazards are essentially eliminated.

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## SECTION 4: FIRST AID MEASURES

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**EYES:** Flush with large volumes of water for 15 to 30 minutes. Remove contacts after the first 2 minutes of flushing. Get medical attention.  
**SKIN:** Wash with soap and water or waterless cleanser. Get medical attention if irritation develops or persists.  
**INHALATION:** Move to fresh air. Get medical attention.  
**INGESTION:** Do not induce vomiting. Seek medical attention from a physician. Never give anything by mouth to an unconscious person.

**OTHER:** No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

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## SECTION 5: FIRE FIGHTING MEASURES

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**Flash Point:** Waterbased product flash point not applicable  
**Explosion Hazard:** Waterbased product, not an explosion hazard  
**LEL:** Not Applicable  
**Extinguishing Media:** Carbon dioxide, dry chemical, foam, or water spray  
**Unusual Fire and Explosion Hazards:** Material can splatter above 200°F

**Special Fire Fighting Procedures:** Water can be used to cool fire-exposed containers. Self-contained breathing apparatus and protective clothing should always be worn when fighting large fires involving chemicals.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**In the case of accidental release or spill:** Follow all recommendations regarding Personal Protective Equipment. Preferred method would be to scrape up spilled material and place in secondary container for disposal. Smaller spills can also be wiped up. Residual material can be removed with the assistance of hot water and soap. White water should be captured and contained for disposal.

**Disposal Method:** All material must be disposed in accordance with Federal, State, and Local Regulations. This includes any white water created in the cleaning of the spill.

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## SECTION 7: HANDLING AND STORAGE

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### HANDLING AND STORAGE:

Protect from freezing.  
Rotate all stock.  
Store in a cool, dry place.  
Keep away from food, feed, or drinking water.  
Keep container closed when not in use.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### EXPOSURE LIMITS:

ETHYLENE GLYCOL: 100 ppm Ceiling ACGIH

### PERSONAL PROTECTION:

RESPIRATORY PROTECTION: Use with adequate ventilation. None needed if concentrations are kept below the listed exposure limits.

SKIN PROTECTION: Chemical resistant gloves are recommended for prolonged exposure. Clothing should be such that it protects skin from direct contact with sealant.

EYE PROTECTION: Safety glasses with side shields (ANSIZ87.1 or approved equivalent).

OTHER PROTECTIVE EQUIPMENT: None required.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE: Paste consistency. Can be white or colored.

ODOR: Sweet Acrylic, with a mild ammonia odor

PHYSICAL STATE: Paste

pH AS SUPPLIED: 7.5 - 9

BOILING POINT: > 200°F

FREEZING POINT: < 32°F

VAPOR PRESSURE (mmHg): 25 mm Hg @ 68°F

VAPOR DENSITY (AIR = 1): > than 1

EVAPORATION RATE: Slower than Ether

WATER SOLUBILITY: Dispersible

WEIGHT PER GALLON: 13.5– 14.5 Lbs/Gallon.

% VOLATILE BY VOLUME: 20-40%

Non-chemically curing Sealant

VOCs (less exempt solvents) <1.5% (Per CARB)

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## SECTION 10: STABILITY AND REACTIVITY

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STABILITY: Stable (keep below 200°F)

CONDITIONS TO AVOID: Store away from strong oxidizers

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizers

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known

HAZARDOUS POLYMERIZATION: Will not occur

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## SECTION 11: TOXICOLOGICAL INFORMATION

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ACUTE DATA: No toxicity data are available for this material. Section 3 is based on profiles of similar materials.

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## SECTION 12: ECOLOGICAL INFORMATION

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Latex dispersions will color water a milky white, but no bioconcentration is expected because of the high molecular weight.

No Other Applicable Data

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## SECTION 13: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** All waste must be disposed in accordance with Federal, State, and Local Regulations (see 40 CFR Part 268).

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## SECTION 14: TRANSPORT INFORMATION

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**DOT Shipping Name:** Not a D. O. T. Regulated Material  
**DOT Hazard Class:** None  
**DOT UN / NA Number:** None  
**Packaging Group:** None

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## SECTION 15: REGULATORY INFORMATION

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**OSHA Hazard:** **29 CFR 1910.1200**  
Not a hazardous chemical as defined by this standard.

**SARA Title III:** **Section 313 Information (40CFR 372)**  
This product does not contain a chemical which is listed in Section 313 at or above "de minimis" concentrations.

**CERCLA:** **Information (40 CFR 302.4)**  
Releases of this material to air, land, or water are not (to the best of our knowledge) reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

**Waste Classification:** When a decision is made to discard this material as supplied, it is classified as a RCRA non-hazardous waste.

**TSCA Status:** All chemical substances in this product are included on, or exempted from, listing on the TSCA Inventory of Chemical Substances.

**California Prop 65:** This product contains trace amounts of components known to the state of California to cause cancer, birth defects, or other reproductive harm.

**Pennsylvania (worker and community right to know act):** The following components are cited in the Pennsylvania Hazardous Substances List, and are present at levels that require reporting.

**Ethylene Glycol**                      **107-21-1**                      **> 2%**

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## SECTION 16: OTHER INFORMATION

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**OTHER INFORMATION:** Keep out of reach of children. Keep container closed when not in use.

**Warning:** When scraping, sanding, or removing old paint, you may release lead dust. LEAD IS TOXIC. Exposure to lead dust can cause serious illness. This can include brain damage, especially in children. Pregnant women are also particularly at risk, and should avoid exposure. Always use a NIOSH approved respirator to control lead exposure. Clean up area with a HEPA vacuum and a wet mop. Before starting any project that may expose individuals to paint dust, find out how to protect yourself, your co-workers, and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD.

### Hazardous Materials Identification System (HMIS)

Health	Flammability	Reactivity	Personal Protection
1	0	0	D

*The information contained herein relates only to the specific material identified. PPG believes that such information is accurate and reliable as of the date of this MSDS sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. PPG urges persons receiving this information to make their own determination as to the information's suitability and completeness to their particular application. It is the buyer's / users responsibility to ensure that all activities comply with the appropriate federal, state, and local laws.*