



Technical Roofing Solutions, Inc.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Seal-Tek 800 (ACRYLIC SEAM SEALER)
HMIS CODES:

H F R P
1 0 0 X

D.O.T SHIPPING: NOT-REGULATED

SECTION I – MANUFACTURER IDENTIFICATION

MANUFACTURER: TECHNICAL ROOFING SOLUTIONS, INC.
ADDRESS: 21605 GATEWAY CT. BROOKFIELD, WI 53045
PHONE #: 888/284-7488
DATE PREPARED: November 20, 2002
EMERGENCY PHONE #: 800/424-9300 CHEMTREC

SECTION II – HAZARDOUS INGREDIENTS/SARA III INFORMATION

Components – Chemical Name & Common Names
(Hazardous Components 1% or greater: Carcinogens 0.1% or greater)

CHEMICAL NAME (COMMON NAME)	CAS #	Vapor Pressure Mm Hg @ TEMP	WEIGHT PERCENT +/- 2%
N/A			

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

- 1) BOILING POINT: 212°F
- 2) SPECIFIC GRAVITY: (Water = 1) 1.52
- 3) VAPOR DENSITY: N/A
- 4) MELTING POINT: N/A
- 5) VAPOR DENSITY: N/A
- 6) EVAPORATION RATE: Slower than Ether
- 7) VOC % by WEIGHT: <50 Grams/Liter
- 8) SOLUBILITY IN WATER: Yes
- 9) WATER REACTIVE: N/A
- 10) APPEARANCE & COLOR: Viscous liquid, slightly sweet odor

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

- 1) FLASH POINT & METHOD: N/A
- 2) FLAMMABILITY LIMITS IN AIR % BY VOLUME: N/A
- 3) EXTINGUISHER (MEDIA): Water & Foam (all types), CO₂, Dry Chemical
- 4) SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode when fighting fires. If electrical equipment is involved, the use of foam should be avoided.
- 5) UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V – REACTIVITY HAZARD DATA

- 1) STABILITY: Stable.
- 2) CONDITIONS TO AVOID: None known.
- 3) INCOMPATIBILITY: None known.
- 4) HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, oxides of nitrogen, cyanide gas, acrylic monomers.

SECTION VI – HEALTH HAZARD DATA

- 1) INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
 - a. Short-term inhalation toxicity is low.
 - b. Breathing small amounts during normal handling is not likely to cause harmful effects.
 - c. Breathing large amounts may cause overexposure symptoms, such as headache, nausea, and irritation of the nose and throat.
- 2) SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
 - a. Eyes: Exposure to liquid or vapor causes eye irritation. Symptoms may include redness, burning, drying, and cracking.
- 3) SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
 - a. Skin absorption is possible, but harmful effects are not expected from this route of exposure under normal conditions of handling and use.
- 4) INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
 - a. Swallowing small amounts of this product during normal use is not likely to cause any adverse health effects.
 - b. Ingestion of larger amounts can result in corrosive action in the mouth, stomach tissue, and digestive tract.
 - c. Symptoms can include sore throat, abdominal pain, nausea, vomiting, and diarrhea.
- 5) HEALTH HAZARDS (ACUTE AND CHRONIC)
 - a. No severe or acute health hazards are known to be associated with the use of this product.

b. Common irritation symptoms: headache, nausea, nose and throat irritation, may result from overexposure.

6) **CARCINOGENICITY**

- a. NTP CARCINOGEN: NO
- b. IRAC MONOGRAPHS: NO
- c. OSHA REGULATED: NO

7) **MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

- a. May aggravate pre-existing respiratory and skin disorders.

8) **EMERGENCY FIRST AID PROCEDURES:**

- a. Remove victim from exposure to well-ventilated area.
- b. Use oxygen or artificial respiration as necessary.
- c. In case of eye contact, flush promptly with large amounts of water, and seek medical attention.
- d. IF INGESTED, DO NOT INDUCE VOMITING-SEEK MEDICAL ATTENTION IMMEDIATELY.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE/LEAKS

1) **STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:**

- a. Remove all sources of ignition.
- b. Ventilate area.
- c. Absorb spill with an absorbent material such as sawdust, vermiculite, or sand, and place in a closed container.
- d. In case of a large spill, dike the area to prevent this material from entering water systems or sewers.

2) **WASTE DISPOSAL METHODS:**

- a. Liquid waste must be disposed of in accordance with federal, state, and local regulations.
- b. Incineration is the preferred method.
- c. In its cured (solid) form, this product is considered non-hazardous, and can usually be landfilled.

3) **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

- a. Avoid storage above 100°F.
- b. Avoid prolonged or repeated skin contact.
- c. Avoid inhalation of heated vapors or spray mists.

4) **OTHER PRECAUTIONS:**

- a. None

SECTION VIII – CONTROL AND PROTECTIVE MEASURES

1) **RESPIRATORY PROTECTION (Specify type):**

- a. If exposure can exceed the PEL/TLV, use only NIOSH/MSHA approved air-purifying or supplied air respirator operated in a positive pressure mode per the NIOSH/OSHA occupational health guidelines for chemical hazards.
- b. If it is possible to generate significant levels of vapors or mists, a NIOSH approved or equivalent respirator is recommended.

2) **PROTECTIVE GLOVES:** Wear chemical resistant gloves.

3) **EYE PROTECTION:** Chemical splash goggles in compliance with OSHA regulations are advised. However, OSHA regulations also permit other type safety glasses. (Consult your safety equipment supplier).

4) **VENTILATION TO BE USED:**

- a. Local exhaust - General ventilation is recommended. Additional local exhaust ventilation is recommended where vapors, mists, or aerosols may be released.
- b. Mechanical (general) - Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

5) **OTHER PROTECTIVE CLOTHING OR EQUIPMENT (Specify):**

- a. Wear protective clothing to prevent skin contact.
- b. Keep exposed skin area to a minimum.
- c. Eye wash station and safety shower should be available.

6) **WORK/HYGIENIC PRACTICES:**

- a. Use good personal hygiene practices.
- b. Wash hands before eating, drinking, smoking, or using toilet facilities.
- c. Promptly remove soiled clothing and swash thoroughly before reuse.
- d. Shower after work, using plenty of soap and water.

SECTION IX – DISCLAIMER

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End of Data Sheet