



## Tech Data Sheet

## SM8001

### CONSTRUCTION ADHESIVE Solvent Based

#### PRODUCT DESCRIPTION

Silchem SM8001 is a high quality, specially formulated, non-staining waterproof adhesive for interior or exterior applications. It has been formulated to offer outstanding adhesion to most common building materials including vinyl, aluminum, steel, concrete and wood. The mastic type properties of this product offer excellent initial tack and rapid bond development and when cured provides permanent holding power.

Product Data	
Typical Properties	
Type	Synthetic Rubber and Resins
Color	Tan
Solids by Weight	65%
Flammability	Flammable while in use (OSHA Cautions on label)
Flame Spread	6 (ASTM E-84)
Smoke Development	1 (ASTM E-84)
Toxicity	Toxic only if swallowed (See MSDS)
Open Time	30 minutes, @ 70°F. (21°C), 50% RH
Set Time	24 – 48 hours
Cure Time	3 to 7 days
Application Temperature	20°F to 100°F (-7°C to 38°C)
Service Temperature	-20°F to 140°F
Freeze-Thaw Stability	Will not freeze
Shelf Life	1 year from date of manufacture

#### Features & Benefits

- Ease of application.
- Long open time allows for accurate placement/re-placement
- Freeze-thaw stable. Product can be applied in all weather conditions
- Waterproof and weatherproof

#### Use

- All materials should be positioned in place within 30 minutes after adhesive application. If work is delayed, remove excess adhesive and begin again.
- Do not use in unlined expanded extruded polystyrene foam. Not recommended for use on polystyrene.

**CAUTION** 

- FLAMMABLE
- CONTAINS HEPTANE AND NAPHTHA SOLVENTS. Prevent build up of vapors. Vapors may cause flash fires. Use only in areas of cross ventilation. Open all windows and doors during application and curing. Keep away from heat, sparks and open flames. Avoid breathing of vapors. Avoid prolonged or repeated skin contact. If overcome by vapors, remove to fresh air.
- IN CASE OF EYE CONTACT, flush immediately with plenty of clean water for at least 15 minutes.
- IN CASE OF SKIN CONTACT, wash thoroughly with soap and water.
- IF SWALLOWED, DO NOT induce vomiting. Consult physician or regional poison control center immediately. Overexposure to vapors is irritating to eyes and respiratory tract, may cause headaches, dizziness, and is anesthetic. Consult MSDS for further information.
- KEEP OUT OF REACH OF CHILDREN.

**Clean Up**

Immediately clean any adhesive from unwanted areas using mineral spirits or paint thinner.

**Storage and Shelf Life**

Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture. Store in a cool, dry place at room temperature (70° to +/-5°F). SM8001 has a shelf life of 12 months from the date of shipment. Keep away from excessive heat. In cold weather, product should be kept at room temperature 24 hours prior to use.

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