



Corporate Offices
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CAULK 139

100% SOLIDS, POURABLE TWO-COMPONENT, FLEXIBLE EPOXY CAULK

FEATURES

User Friendly
 Meets all VOC Requirements
 Low Odor
 Premeasured Units

RECOMMENDED APPLICATIONS

Warehouse Floors
 Loading Docks
 Hangars
 Process Areas
 Manufacturing

CHEMICAL RESISTANCE

| | |
|------------------|------------------|
| Organic Solvents | Oils |
| Inorganic Acids | Alkali Solutions |
| Salts | |

COLORS:

Standard Chart Available upon request

PHYSICAL PROPERTIES

| | |
|------------------------------------|--------------|
| Tensile Strength ASTM D-638 | 850-1050 PSI |
| Elongation ASTM D-638 | 45-60 % |
| Compressive Strength ASTM D-695 | 800-850 PSI |
| Adhesive Strength ASTM D-4541 | 500-600 PSI |
| Hardness, Shore D ASTM D-2240 | 45-55 |
| Hardness, Shore A ASTM D-2240 | 90-100 |
| VOC ASTM D-3960 | 0 |

SPECIFICATIONS

Caulk 139 shall be a 100% solids, pourable two-component, flexible epoxy joint filler used for **sawcut control joints and construction joints** in industrial concrete floors subjected to hard wheeled vehicular traffic. Application shall be in accordance with the manufacturer's recommended practices.

ESTIMATING QUANTITIES AND ORDER BILL OF MATERIAL

| | CONCRETE |
|-------------------------------------|----------------------------------------|
| Caulk 139 | 231 cu. in./gallon |
| S-10 Solvent | 500 ft. ² ./gallon |
| Width x Depth Joint Size | Coverage Rate Lin. Ft./Gal. |
| 1 1/2" x 3/4" | 17 lf. |
| 1" x 1/2" | 38 lf. |
| 3/4" x 3/8" | 68 lf. |

**Quantities shown are for estimating purposes only. Actual field usage may vary.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Concrete: Refer to specific product bulletin where **Caulk 139** is being used for concrete surface preparation requirements.

APPLICATION SPECIFICATIONS

Substrate temperature for concrete must be between 50°F and 110°F.

Relative humidity must not exceed 90%.

Substrate temperature must be 5°F above the Dew Point.

CAULK 139 MIX RATIO (BY VOLUME)

Component A 1 gallon
Component B 126 fl. oz.

Caulk 139 Pot Life & Cure Cycle

| Temperature | Pot Life | Cure Time |
|-------------|----------|-----------|
| 50°F | 90 mins. | 48 hrs. |
| 75°F | 35 mins. | 24 hrs. |
| 90°F | 15 mins. | 20 hrs. |

Joint surfaces must be clean and dry before applying the sealant.

INSTALLATION

Joint Design: Caulk 139 flexible epoxy joint filler should be installed full depth in control joints and minimum 2" depth in construction joints. Do not use backer rod.

Mixing: Use a variable speed drill and jiffy mixing paddle to mix **Caulk 139**. Thoroughly mix **Component B into Component A** at low speed for 3-5 minutes, or until uniform in color. Do not thin or alter **Caulk 139**.

Caulk 139 mixed viscosity at 75°F: 800-1200 cps.

Application: **Caulk 139** joint filler has a low mixed viscosity so that it can be poured from the can. For best results, however, use a metal, closed-barrel caulk gun, pressure extruder, meter mix machine, or other suitable equipment. A gun ensures neater application and fuller depth penetration. To prevent **Caulk 139** from running through shrinkage cracks at bottom of joint, first apply up to 1/4" of silica sand.

CLEANING

Use **S-10 Cleaning Solvent** to clean tools and equipment.

SHIPPING

Refer to Material Safety Data Sheets.

STORAGE

Warning: All Dudick products classified by DOT with either white, yellow or red labels, must not be mixed or stored together as an explosive reaction might occur. All products should be stored in a cool, dry area away from open flames, sparks or other hazards.

When properly stored in their original, unopened containers at 50°F-75°F, **Caulk 139** components will have a six-month shelf life. Exposure to excessive heat will reduce working time and shelf life.

SAFETY

M.S.D.S: Material Safety Data Sheets must always be read before using products. **Caulk 139** is intended for application by experienced, professional personnel. Dudick, Inc. can supply supervision to help determine that the surface has been properly prepared, the ingredients correctly mixed, and the materials properly and safely applied.

If **Caulk 139** is to be applied by your own personnel or by a third party contractor, please be sure that they are aware of the following safety precautions:

- Exposure to resins and hardeners through direct skin contact and/or inhalation may cause severe dermatitis reactions in some people. Cleanliness of the skin and clothing is critical and must be of paramount concern.
- Fumes are flammable and heavier than air. Proper ventilation should be maintained to minimize breathing of concentrated fumes.
- Suitable respirators should be used during application.
- Safety glasses, gloves, and suitable protective clothing must be worn at all times during application.
- If contact with hardeners occurs, remove any clothing involved and flush the skin with flowing water. Discard the clothing. Do not attempt to wash and reuse it. **Caulk 139** can be removed with **S-10 Cleaning Solvent**, MEK, or lacquer thinner.
- Keep open flames and sparks away from the area where materials are being mixed and applied.
- If a rash occurs, remove the individual from the work area and seek a physician's care for dermatitis.
- In case of eye contact, flush with water for at least 15 minutes and consult a physician.
- If swallowed, do not induce vomiting; call a physician immediately.



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NOTE: Dudick, Inc. ("Dudick") warrants all goods of its manufacture to be as represented in its catalogs and that the manufacture of its products by its employees or sub-contractors shall be performed in a workmanlike manner. Dudick's sole obligation under this warranty shall be to replace any material which its examination shall disclose to be defective. Dudick makes no warranty concerning the suitability of its product for application to any surface, it being understood that the goods have been selected and the application ordered by the Purchaser. DUDICK, INC. MAKES NO WARRANTY, EXPRESS OR IMPLIED, THAT THE GOODS SHALL BE MERCHANTABILITY OR THAT THE GOODS ARE FIT FOR ANY PARTICULAR PURPOSE. THE WARRANTY OF REPAIR OR REPLACEMENT SET FORTH HEREIN IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES ARISING BY LAW OR OTHERWISE; AND DUDICK INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS, DOWN TIME, DAMAGES TO PROPERTY OF THE PURCHASER OR OTHER PERSONS, OR DAMAGES FOR WHICH THE PURCHASER MAY BE LIABLE TO OTHER PERSONS, WHETHER OR NOT OCCASIONED BY DUDICK'S NEGLIGENCE. This warranty shall not be extended, altered or varied except by written instrument signed by Dudick and Purchaser.

4/22/10