

# Epoxy Patching Compound

Low temperature cure

## General Properties

Cloverdale's 83326 Low Temperature Cure Epoxy Patching Compound is a two component, low VOC high solids, trowel or putty knife applied epoxy patching compound designed as an economical on-site repair for old and new concrete and as well for metal. 83326 is designed to be used with Cloverdale's low temperature cure topcoat 83110 ClovaMastic. This multi purpose patching compound exhibits excellent chemical and rust inhibiting properties. Ideal for cool weather application. This product cures at temperatures as low as minus 18 degrees C. (0 degrees F.)

## Recommended Uses

Designed for use in the oil, gas and wastewater industries, for use on concrete storage tanks and process vessels marine and other heavy industrial areas. For repair of small cracks, 'honeycombs', 'bug holes', and spalled areas in new concrete; or mechanically damaged areas and corrosion pits in old concrete. Note:83326 Epoxy patching compound also can be used for repairs of Cloverdale's 83110 ClovaMastic coating.

## Product Information

### GENERIC TYPE

Epoxy Putty

### PIGMENT TYPE

Inorganic

### COLOR

Off White

### BASES

N/A

### FINISH

Semi-gloss

### AVERAGE VOLUME SOLIDS

82 %

### VISCOSITY MIXED

High build-up thixotropic paste

### FILLING CAPABILITY

up to 1 inch ( 2.54 cm)

### THEORETICAL COVERAGE

1325 ft<sup>2</sup> / mixed gallon @ 1 mil ( 25 microns) DFT

22.1 ft<sup>2</sup> /mixed gallon @ 60 mils

### MIXED RATIO

1:1 by volume

### INDUCTION TIME

Not required

### Working time

30 minutes at 25C ( 77F) 50% RH

### SHELF LIFE

1 years in unopened containers

### V.O.C. MIXED

148.8 gm./lit.

1.24 lb./gal.

### VOC AT MAXIMUM THINNING RECOMMENDATIONS

N/a

### THINNER

Do Not Thin

### ACCELERATOR

Not Recommended

## Methods of Application

Apply using a putty knife, trowel spatula or stiff brush

**Drying Time** - Temperature, Relative Humidity, and Film Thickness will affect dry times.

Substrate Temperature	Touch Dry	Hard Dry	Minimum	Overcoat Interval	
				Maximum	Full Cure
21°C (77°F)	4 hours	7 hours	2 hours	7 days	7 days
5°C ( 41°F)	N/a	7 days	2 hours	7 days	12 days
minus 7°C	N/a	21 days	2 hours	7 days	6 weeks
minus 15°C	N/a	56 days	2 hours	7 days	12 weeks

**Recommended Primer**

<b>STEEL</b>	Self priming to properly prepared steel or may be used over 83110
<b>CONCRETE</b>	Self-priming or may be used over 83110
<b>GALVANIZED</b>	Not recommended
<b>ALUMINUM</b>	Not recommended

**Surface Preparation**

Surface to be coated must be clean, dry and free from scale, laitance, oil, grease or other contaminants. Cracks in excess of 1/16" (1.6 mm) must be routed open to provide a better bonding surface. Surfaces must be abrasive blasted to a minimum surface roughness of ICRI CSP5. Patching Compound which has cured past the Maximum Recoat Time must be mechanically abraded prior to topcoating. For **Immersion Service** - the coating is considered cured for immersion once it reaches a SHORE D hardness of 65 or greater (@ 3mm thickness and 20° - 25°C.). Contact your Cloverdale representative for specific application requirements.

**Application Equipment**

Apply by trowel, putty knife, spatula, stiff brush or other tool capable of pressing the compound into voids, pinholes, pores and crevices. Clean application equipment immediately using 78043 MEK or 78017 Lacquer Thinner.

**Application Conditions**

Do not apply when ambient temperatures are expected to follow below minus 18°C or above 35° C. Preferred ambient and substrate temperature is above 0° C .

**Mixing Instructions**

Adjust component A and B temperatures to 15°C.+ for ease of mixing. Mix components separately using an explosion proof mixer with a 'Jiffy' type mixer. Using the same type of mixer; mix A and B together thoroughly until homogeneous . Ensure 1:1 by volume mix ratio. Clean mixing equipment with 78043 MEK or 78017 Lacquer Thinner.

**Safety Precautions**

This product is for industrial use only.

**Refer to Material Safety Data Sheet for proper health and safety information.**

**Storage and Handling**

<b>SHIPPING</b>	Not Regulated.
<b>PRODUCT WEIGHT</b>	Component A - 3.78 liters = 5.78 kg. Component B - 3.78 liters = 3.93 kg.
<b>STORAGE</b>	Cool, dry, secure location. See your Cloverdale Paint Representative.
<b>PACKAGE SIZE</b>	2 gallon kit consisting of 3.78 liter component A and 3.78 liter component B

**Warranty Disclaimer**

Cloverdale Paint manufactures quality products. In the event that this product is defective or in any way unsuitable for the application for which it is sold, Cloverdale Paint Inc. will replace the product free of charge. The warranty provided by this data sheet is the only warranty or guarantee of quality made in respect of this product by Cloverdale Paint Inc. By purchasing this product the customer accepts this warranty in lieu of all others, and waives all claims to any other remedy arising from any warranty or guarantee of quality, whether such warranty or guarantee of quality was made expressly to the customer or implied by any applicable law.

**Cloverdale Paint Inc.**

6950 King George Boulevard, Surrey, British Columbia, Canada V3W 4Z1

Web Site: [www.cloverdalepaint.com](http://www.cloverdalepaint.com) Email: [helpdesk@cloverdalepaint.com](mailto:helpdesk@cloverdalepaint.com)

Phone: 604 596 6261 Fax: 604 597 2677