



# HE212 - ALL PURPOSE CRYSTAL CLEAR SEALANT

TECHNICAL DATA SHEET



Last Rev Date: 04/28/2015

## Physical Properties

<b>Color</b> Clear	<b>Maximum VOC</b> 350 g/l	<b>Shore A Hardness</b> 55 max.
<b>Elongation (Initial)</b> 200% min.	<b>Peel Strength - Aluminum</b> 5 p.i.w. min. (22N)	<b>Specific Gravity @ 77° F (25°C)</b> 1.06
<b>Flash Point</b> 75°F	<b>Peel Strength - Glass</b> 5 p.i.w. min. (22N)	

## Description

**HE212 - ALL PURPOSE CRYSTAL CLEAR SEALANT** is a one-part, highly elastic, high-performance thermoplastic sealant. The sealant exhibits excellent adhesion to a variety of construction materials including marine surfaces. It can be applied to wet or dry surfaces and has excellent low temperature flexibility. It is non-staining, non-sagging and skins over, tack free within 30 minutes.

### Features:

- Provides clear, invisible patch
- Goes on clear and cures clear
- Stays flexible - no cracking
- Excellent adhesion, even on wet surfaces

## Coverage

15 lineal feet of 3/8" bead per 10.1 fl. oz. cartridge;

3 sq. ft. per quart applied 1/8" thick when applied by trowel

## Surface Preparation

**HE212 - ALL PURPOSE CRYSTAL CLEAR SEALANT** should only be applied to sound surfaces that are free from oil, grease, wax, dust, corrosion, or any material that may interfere with obtaining optimum adhesion. No primer is necessary.

**Concrete and Masonry:** Fresh concrete should be fully cured and dried. This may require as much as 3 or 4 weeks. If surfaces are dusty, they should be blown or brushed free and cleaned. Mold release agents or curing agents should be removed, as they will prevent good adhesion.

**Aluminum and Other Non-Ferrous:** If the surface has previously been sealed or exposed to the air for a period, remove all previous compounds or surface oxidation by wire brushing, etc.

**Steel:** Remove all corrosion or coatings by wire brushing, etc.

**Glass/Fiberglass:** Wipe, if necessary, the surfaces to be sealed with clean, oil-free solvent and dry thoroughly.

**Wood:** Remove all paint and other loose coatings. Sand to provide a good, clean surface.

**Joint Dimensions:** Sealant can be used in openings 1/8" x 1/8" (0.32 cm x 0.32 cm) to approximately 1/2" x 1/2" (1.27 cm x 1.27 cm).

**Back-up Material:** For good installation, when openings are greater than the desired depth, they should be packed with a supplementary material, such as backer rod.

## Application

For neatness of joint, adjacent surfaces should be masked with tape. Apply sealant in the joint from the bottom up, filling completely and avoiding any entrapped air. Tool the surface for appearance and insure adequate adhesion between the sealant and the joint sides. Dry tooling is preferred. As soon as application and tooling are completed, remove masking tape. Typical full cure is attained after 3 to 7 days at room temperature for a 3/8" to 1/2" max applied sealant thickness.

**Limitations:** Do not use on insulated glass panels, laminated glass edges and polystyrene. Not for interior use. Direct contact with asphalt based building materials may result in some bleed-through, staining, or discoloring.

## Precautions

DO NOT THIN. Smooth with a putty knife or trowel within 10 minutes. Apply in temperatures above 40°F (5°C). Slight discoloration may occur on some surfaces. Avoid overworking product when applied over asphalt surfaces to minimize discoloration. Test on a small area to determine suitability. Keep container covered while not in use. When transporting, make sure the pail is secured and the lid is tight to prevent spills. **CLOSE AIR INTAKES ON ROOF UNTIL SOLVENTS DISSIPATE!**

## Cleanup

Complete clean-up before sealant cures with mineral spirits. Clean hands with a waterless hand cleaner.

## Caution

**WARNING!** Flammable liquid and vapor. Harmful if inhaled. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.

**Prevention:** Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Keep containers tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly after handling. Contaminated clothing should not be allowed out of the work place. Avoid breathing vapors, mists and sprays. Use only outdoors or in a well-ventilated area. Wear protective gloves and eye protection.

**Response:** In case of fire, use alcohol foam, carbon dioxide (CO<sub>2</sub>), or dry chemical to extinguish. IF ON SKIN: Take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs; Get medical advice or attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists; Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor if you feel unwell.

**Storage:** Store locked up. Store in a well-ventilated place. Keep cool.

**Disposal:** Dispose of contents/containers in accordance with local/regional/national/international regulations.

See safety data sheet for further details regarding the safe use of this product.

**FOR EXTERIOR USE ONLY.**

**KEEP OUT OF REACH OF CHILDREN.**

**WARNING:** This product contains chemicals known to the State of California to cause cancer and/or birth defects, or other reproductive harm.

## Product Sizes

10.1 OZ CART (0 lb)

10.1 OZ CARTRIDGE (1 lb)

QUART (2 lb)

## Limited Warranty

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product - such as weather, workmanship, equipment utilized and prior condition of the substrate - are all beyond our control. We will replace at no charge any product proved to be defective within 12 months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided. **DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITY: THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. MANUFACTURER SHALL HAVE NO LIABILITY OF ANY KIND BEYOND PRODUCT REPLACEMENT, INCLUDING FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM ANY DEFECTS OR ANY DELAYS CAUSED BY REPLACEMENT OR OTHERWISE. THIS LIMITED WARRANTY PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT.** This limited warranty is in addition to and supplemented by the product warranty located on our website at: <http://www.henry.com/warranty> which also applies to this product.