

# VILLAGE OF SAG HARBOR



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## BUILDING DEPARTMENT

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Fred W. Thiele, Jr., Esq.

January 30, 2012

**To: Plumbing Contractors**  
**From: Timothy R. Platt, Building Inspector**   
**Subject: Hercules PVC/CPVC Un-Purple Primer**

Pursuant to R103.3 of the Residential Code of New York, the code enforcement official may approve an alternative material that complies with the intent of the provisions of the code, and; is at least equivalent to the quality, strength, effectiveness, fire resistance durability and safety of the prescribed material.

Section P3003.14.2 states in part that, "a purple primer that conforms to ASTM F 656 shall be applied" to solvent cemented PVC plastic joints in sanitary drainage piping. The sole purpose of using primer that is purple in color is to allow the installer and the inspector to verify that the joints have been primed.

In reviewing "Hercules Un-Purple Primer" it was found that this primer conforms to ASTM F656. Priming of solvent cemented joints can be verified by use of a black light.

It is further noted that ICC-ES report PMG-1055 confirms that "Hercules Un-Purple Primer" complies with the requirements of the 2009 International Residential Code, such code being newer than that adopted by the State of New York.

**It has been determined that "Hercules Un-Purple Primer" meets all criteria for alternate materials prescribed in R103.3 and is therefore approved as an alternate material for the priming of PVC solvent-cemented joints.**

"Hercules Un-Purple Primer" shall be installed in accordance with the manufacturer's instructions, which include:

**"WHEN USING UNPURPLE PRIMER, THE INSTALLER MUST HAVE A UV FLASHLIGHT OR OTHER UV LIGHT AVAILABLE FOR THE INSPECTOR."**

**ICC-ES PMG Listing****PMG-1055**

Effective Date: March 1, 2011

*This listing is subject to re-examination in one year.*

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CSI: DIVISION: 23 00 00 — HEATING, VENTILATING AND AIR-CONDITIONING (HVAC)  
Section: 23 21 13 — Hydronic Piping

## Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Hercules® PVC/CPVC *Un-Purple* PrimerListee: Hercules Chemical Company, Inc.  
111 South Street  
Passaic, New Jersey 07055-9100  
(800) 221-9330  
[www.herchem.com](http://www.herchem.com)

## Compliance with the following codes:

2009 *International Plumbing Code*® (IPC)  
2009 *International Residential Code*® (IRC)  
2009 *International Mechanical Code*® (IMC)  
2009 *Uniform Plumbing Code*™\* (UPC)  
2009 *Uniform Mechanical Code*™\* (UMC)

\**Uniform Mechanical Code* and *Uniform Plumbing Code* are copyrighted publications of the International Association of Plumbing and Mechanical Officials.

## Compliance with the following standards:

ASTM F 656, Standard Specification for Primers for Use in Solvent Cement Joints of Poly Vinyl Chloride (PVC) Plastic Pipe and Fittings  
NSF 61, Drinking Water System Components - Health Effects  
LC1025, PMG Listing Criteria for Fluorescent Primers

## Identification:

Each container of primer must be marked with the following:

- Product name: *Hercules Un-Purple* Primer
- Manufacturing traceability code
- Name of the inspection agency: NSF International (AA-633)
- NSF Standard 61
- ASTM F 656
- ICC-ES PMG listing mark

**Installation:**

Hercules® PVC/CPVC *Un-Purple* Primer must be installed in accordance with the manufacturer's published installation instructions, which are detailed on the product container label, and the applicable codes.

**Models:**

Hercules® PVC/CPVC *Un-Purple* Primer is a clear, colorless primer for PVC piping. It is supplied in various size containers with self-contained daubers for application of the primer. Under natural light it appears colorless but appears purple under UV "black" light. A UV light source, in good working order, must be supplied by the contractor to the code official or his representative.

**Conditions of listing:**

1. UV light source, in good working order, must be supplied by the contractor to the code official or his representative.
2. Hercules® PVC/CPVC *Un-Purple* Primer may be used in any location where purple primer is required by the codes.
3. The Hercules® PVC/CPVC *Un-Purple* Primer is manufactured by Hercules Chemical Company, in Passaic, New Jersey, under a quality control program with annual surveillance inspections by ICC-ES.