

TECH-TALK

BULLETIN

Effective 08/22/2014
Supersedes all previous versions

GUIDELINES FOR THE STORAGE AND DISPOSITION OF HENRY 573 BLUESKIN LVC SPRAY PRIMER CANISTERS

STORAGE RECOMMENDATIONS

General Recommendations:

Store canisters out of direct sunlight in a cool, well-ventilated area. Avoid storing canisters directly on the floor or against an outside wall. The shelf life for an unopened canister of this product, stored at temperatures between 60°F and 95°F (15.6°C and 35°C), is one (1) year from date of manufacture.

Observe all labeled hazard precautions.

Specific Recommendations:

These recommendations are based on regulations found in the Occupational Safety and Health Administration (OSHA) Regulations for the storage of flammable liquids (29 CFR 1910.106). The local fire marshal whose jurisdiction covers a particular facility has the final authority to require compliance with any or all portions of the NFPA 30 guidelines, which may be more restrictive than the OSHA regulations.

- 1.) For storage of Blueskin LVC Canisters, in **facilities with sprinkler protected warehouses that have been designated as “Flammable and Combustible Liquid Warehouses or Storage Buildings,”** the following guidelines are provided:
 - 1.1) The storage of Blueskin LVC is restricted to 5,040 gallons (19,078.5 L) at any single pile or group of containers. For this guideline, consider the contents of a canister to be 5 gallons (18.91 L).
 - 1.2) Pallets containing pressurized canisters must not be stored at heights greater than two pallets.
 - 1.3) Pallets must not be stored greater than two pallets deep. However, if there is accessibility from only one side of a row of pallets, they must be stored only one pallet deep.
 - 1.4) Pallets must be stored at least fifteen (15) feet (4.57 m) away from a potential ignition source, such as a light switch, a light fixture, or an electric outlet unless light switches or fixtures are explosion proof.

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- 1.5) In facilities where more than one pile (group of canisters) is stored, piles must be at least four (4) feet (1.22 m) apart. Piles should be in the same general area.
 - 1.6) Specific area(s) should be designated, painted red, and marked, "DESIGNATED FLAMMABLE STORAGE AREA."
 - 1.7) Do not store these canisters on racks.
- 2.) For storage of Blueskin LVC Canisters, in **sprinkler protected areas, BUT in facilities without separate storage buildings or warehouse areas**, the following guidelines are provided below:
- 2.1) The storage of Blueskin LVC Canisters is restricted to 2,500 gallons (9,463.5 L) at any single location.
 - 2.2) Storage areas must be at least fifty (50) feet (15.24 m) away from any production areas, including blending and packaging operations.
 - 2.3) Stacking limitations are the same as outlined in Sections 1.2 and 1.3, above.
 - 2.4) Blueskin LVC Canisters must be stored at least fifteen (15) feet (4.57 m) away from a potential ignition source, such as a light switch, a light fixture, or an electric outlet, unless light switches or fixtures are explosion proof.
 - 2.5) Blueskin LVC Canisters must not be stored in racks.
- 3.) For the storage of Blueskin LVC, in **NON-sprinkler protected areas**, the following guidelines are provided:
- 3.1) The storage of Blueskin LVC Canisters is restricted to 1,000 gallons (3,785.4 L) at any single location.

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- 3.2) Storage areas must be at least 100 feet (30.5 m) away from any production areas, including blending and packaging.
- 3.3) Stacking limitations are the same as outlined in Sections 1.2 and 1.3, above.
- 3.4) Blueskin LVC Canisters must be stored at least fifteen (15) feet (4.57 m) away from a potential ignition source, such as a light switch, a light fixture, or an electric outlet unless light switches or fixtures are explosion proof.
- 3.5) Blueskin LVC Canisters must not be stored in racks.

EMPTY CANISTER VENTING INSTRUCTIONS

The canister must be empty and permanently vented before disposing of it. The canister is empty when only air is coming out of the applicator gun. Shut off the valve and remove the hose and applicator gun. The empty canister will still have residual pressure and a small amount of liquid. In a well-ventilated area, open the valve and allow the pressure to drain and liquid to dry for at least 24-hours before permanently venting the canister. Opening the valve only is not sufficient and the canister must be permanently vented for proper disposal.

After the pressure has been drained and liquid has dried, to permanently vent the empty canister, keep the valve in the open position and punch out the pressure relief disk. A non-sparking plastic, rubber, or wooden tool should be used to punch out the pressure relief disk. Do not punch out the pressure relief disk in the same area that the canister was drained in. The pressure relief disk is located at the top of the canister.

EMPTY CANISTER DISPOSAL/RECYCLING

The empty **and vented** canister can be disposed of as solid waste or recycled as scrap metal where local regulations and recycling facilities allow.

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STATEMENT OF RESPONSIBILITY

The technical and application information herein is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability, or completeness either expressed or implied is given. The user is responsible for checking the suitability of products for their intended use. Henry Company Tech-Talks are updated on a regular basis; it is the user's responsibility to obtain and to confirm the most recent version. Information contained in this Tech-Talk may change without notice.

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