

WATERWORKS

Aerospace Release System

Hi-Vis

Non-Hazardous Release Agent

DESCRIPTION

Hi-Vis is a versatile, odorless and NON-VOC release agent which utilizes integrated color marker technology to provide visible indication that the tool surface is prepared for use. The HI-VIS resin is a unique interpenetrating polymer network with integrated color marker that chemically bonds to the tool surface to provide a superior surface finish with high-gloss and outstanding release performance. When desired, HI-VIS is easily removed using Fresh Start, the NON-VOC mold and part cleaner from WaterWorks.

BENEFITS

- ENVIRONMENTALLY SAFE
- No Odor, No solvents or alcohol
- Thermal Stability
- No CFC's, VOC's, or ODC's
- High Gloss
- Fast cure
- High slip/lubricity
- Easy re-coat/touch-up
- Non-flammable
- Highly visible on tool surface
- No build-up on mold

TYPICAL PROPERTIES

Appearance & Odor: Purple liquid with bland odor

Carrier: Water

Flash Point [C.C]: None

USES

Hi-Vis is recommended for releasing epoxies and various elastomers such as those used for form-in-place gaskets. Hi-Vis is specified for applications where the use of flammable products or solvent based materials is undesirable.

SURFACE PREPARATION

Before applying Hi-Vis, all previous waxes or oils should be removed using Fresh Start. Fresh Start has been developed to replace solvent-based cleaning solutions in the aerospace industry and is a stand-alone product that can be used to clean and prepare molds and/or parts when further processing is needed. Fresh Start provides an effective alternative for the removal of surface contaminants without harming the working surface of the mold and/or part.

HOW TO USE

1. Apply one light coat of Hi-Vis to the mold using a Bounty® paper towel or lint-free cotton cloth.
2. Wait approximately 2 minutes, and then lightly wipe over the mold surface using a separate clean Bounty® paper towel or lint-free cotton cloth.
3. Wait 15 minutes and apply the second coat of Hi-Vis.
4. Wait approximately 2 minutes, and then lightly wipe over the mold surface using a separate clean Bounty® paper towel.
5. Allow a set time of 30 minutes before using mold. If application has been made to a warm surface, a shorter waiting period is needed. The use of heat (hot air, heat gun, oven) can enhance performance.

Touch-up: apply a single coat of Hi-Vis as above and continue processing.



Hi-Vis

Non-Hazardous Release Agent

- 1 gallon
- 5 gallon can



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