NixStix HC LVOC
(formerly Nix Stix 46)

Product Features

NixStix HC LVOC is an emulsion that contains a modified dimethylpolysiloxane and is designed as a water reducible mold release for hot pattern processes. NixStix HC LVOC is carried in water and can be diluted with additional water until the desired emulsion concentration is obtained. Dilution ratios as concentrated as 1 part release agent to 2 parts water and as dilute as 1 part release agent in 24 parts water are reported depending on the complexity of the pattern. It is normal to achieve multiple releases after each application.

Product Description

Physical Properties

- Appearance: White liquid
- pH: 8.5 - 9.0
- VOC: 0 % (Components > 0.1 mm Hg @ 25º C)
- Flash Point: None

Product Application

NixStix HC LVOC is primarily used for hot patterns processes such as shell, warm box or hot box. Typically it is diluted with two parts water to one part NixStix and spray applied. Best results are achieved when a light film of NixStix HC LVOC is sprayed onto the pattern. Care should be taken to avoid flooding patterns as this will eventually lead to build-up on the patterns. Reapply as necessary.
Storage Guidelines

For optimum performance avoid temperature extremes during storage and do not allow to freeze. A twelve month use-life is recommended.

Safe Handling

NixStix HC LVOC liberates small amounts of methyl alcohol which can cause depression of the central nervous system or blindness or be irritating to skin, eyes and mucous membranes, use of appropriate personal protection equipment is recommended. Review MSDS before using.

Technical Service

HA International is “The Best Total Solution” for your foundry by providing innovative products, in-depth technical assistance, and a diverse product line specially formulated for any foundry application. Both our in-house and field experts are available to assist you with your most challenging foundry applications. Please contact your HA International, LLC representative so that we may assist you in putting together a binder system and foundry team that will help you achieve your goals. Contact your sales representative for additional technical information.

For Emergency Medical Assistance Please Call:
Health & Safety Information Services: 1-866-303-6949

For additional health and safety or regulatory information, call 630-575-5722 or 630-575-5705.

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