

DuPont™ Vydax® 2216

release coating

Description

Vydax® 2216 is a clear solvent-based coating that exhibits outstanding release or antistick properties with a very low coefficient of friction. It is clean, nonoily, nonstaining, chemically inert, and can function in temperatures to 121°C (250°F).

Typical Uses

Vydax® 2216 release coating has unique properties, making it an excellent coating for ambient to moderate temperature release and antistick applications. It can provide multiple releases producing foundry sand cores and molds in various cold box and no-bake processes. Unlike other conventional release agents used in foundries, it does not transfer to the sand cores and molds. Vydax® 2216 can be used to eliminate or reduce buildup on pattern surfaces, thus reducing cleaning efforts. Vydax® 2216 can be applied on wood, plastic or metal patterns and coreboxes.

Directions for Applications

Vydax® 2216 should preferably be applied to clean, dry surfaces.

- To clean the surface, any one of the following methods appropriate for the substrate can be used: dry ice or sand blast, abrasive pads and cleaning solvents, or high pH detergent.
- Spray application is recommended. Use spray equipment that produces an atomized spray. Apply a light coating in a fine mist over the entire desired area. Wipe off any drops or overspray on the edges or sides. To quicken the dry time, lightly pass warm air over the coated surface for 3–5 min.
- When spot touch-ups are needed, spray lightly or use a lightly dampened cloth to apply to the surface.

Handling and Storage

Adequate ventilation must be provided in work areas where Vydax® 2216 release coating is applied. Breathing mist or vapors should be avoided, just as sprayed paint inhalation should be avoided. Care should be taken to wear charcoal filter mask or respirator, gloves, safety glasses, and impervious clothing and boots when mixing or spraying and during cleanup. Vapor from the solvent may develop slight pressure. Therefore, care should be exercised when opening containers. Containers should be closed promptly after removing part of the contents to avoid evaporation. Always wash hands after handling Vydax® 2216 release coating.

Store in cool dry area away from heat, sparks or flame.

Refer to MSDS for further information.

Coating Removal

Plastic or glass blasting media is recommended for cleaning and removal of Vydax® 2216 coating.

Shipping Information

DOT/IMO/IATA	
Proper Shipping Name	Flammable Liquid, N.O.S. (Isopropanol, Methyl Ethyl Ketone)
Hazard Class	3 (IMO—3.2)
UN No.	1993
Packing Group	II
Label(s)	Flammable Liquid

Physical and Chemical Properties

Boiling Point	80°C (176°F) (solvent)
Volatiles, %	95
Odor	Characteristic, Alcohol
Form	Liquid Dispersion
Color	Translucent, White
Density, g/cc	0.81

For more information or technical assistance, call:

(800) 441-9503

or visit us on the Web:

www.dupont.com/releasesystems

Or call the Coating & Release Systems hotline in the **United States** at (800) 441-9503

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