



KantStik® RELEASE N

NO SILICONES • NO WAXES • STABLE TO 400°F (204°C)



Product Description

KantStik® Release N is a transparent, amber color, 100% active, soft gel product which can be further diluted to a spray consistency if desired. It is versatile, providing the ease of a gel for wipe or brush-on application, or spray application after diluting with solvent.

KantStik® Release N is a highly effective external mold release agent formulated for flanges, edges, marble hats or other rough surfaces where gloss is not needed.

KantStik® Release N is composed of a unique petroleum base and inorganic thickener. It is completely free of waxes and silicones therefore will not create post-processing difficulties.

KantStik® Release N will not melt or otherwise be displaced during molding, even when exposed to elevated curing temperatures. The mold finish is protected by **KantStik® Release N's** water repellency property.

The de-molded part will possess a smooth finish and is suitable for post-processing (painting, plating, etc) without requiring prior cleaning for most operations.

Examples of operations where **KantStik® Release N** has established superior performance in mold release include: Lay Up, Urethane Foams, Cultured Marble, Transfer Molding, Hot Molds, Casting, Filament Winding, and polymer concrete.

Uses

KantStik® Release N has proven to be a very effective external release agent for a broad range of plastics, both thermoset and thermoplastic, plus other materials. The following list represents some of the materials that are readily released from molds constructed of metal, plastic, inorganic (clay, plaster, etc.) and others which include:

- Silicone
- Epoxy
- Phenolic
- Neoprene
- Polyurethane
- Vinyl Plastics
- Ceramic-Concrete
- Melamine

Direction for Use

Recommended Procedure

For the most economical use and performance, **KantStik® Release N** should be applied as sparingly as possible, using a brush or rag. Excess should be wiped off with a clean

rag, leaving as thin a residual film as possible on the mold surfaces. No further drying or buffing is required and the mold is immediately ready for use. The soft gel consistency of **KantStik® Release N** allows this operation to be carried out quickly and easily.

Should a thinner product be desired, solvent dilution is possible. One part of **KantStik® Release N** to ten parts of solvent, by volume, will yield a thin sprayable product. After adding the solvent, stir thoroughly to achieve uniformity.

Suggested solvents for dilution of **KantStik® Release N** are: mineral spirits, kerosene, xylene, naphtha and most other aromatic organic solvents.

For optimum adhesion of post painting, plating, etc., solvent rinsing may be required utilizing any of the solvents previously listed. Porous mold surfaces, (plaster, wood, masonite, etc.) should be initially sealed with lacquer, resin coat or **Honey Wax®**.

Storage and Handling

Reseal the lid after each use. Store in a cool, dry place. Consult MSDS prior to use.

Packaging

KantStik® Release N is available in:

- 5-gallon pails Part # P54105RPLXX2
- 55-gallon drum Part # P54105RDRXX2

Technical Assistance

Call: 800-227-5538 or 1 (717) 786-7355
 Email: TimeSaver@StonerSolutions.com
 Visit: StonerSolutions.com

The information contained in this TDS is believed to be accurate and reliable. It is recommended that each user test the material and procedures prior to initial use. Nothing stated in this TDS is to be construed as a warranty either expressed or implied.

