

IsoKote 1000

IsoKote 1000 forms a lubricating, heat stable non-carbonizing film that gives excellent release, surface definition, and mold cleanliness. It is inert, will not corrode metal or plastic molds and does not give off noxious odors at elevated temperatures. IsoKote 1000 will not decompose under long exposure to high temperatures 400° F (204° C) associated with some polyurethane, epoxy, and Viton molding operations. IsoKote 1000 is equally suitable for polysulfides, polyesters, and rigid and flexible molds. It has unusually low surface tension, spreads easily and rapidly without “fish eyes”. IsoKote 1000 is cost effective, produces fewer rejects when properly applied, and will not discolor light colored stocks.

*Values given are not intended to be used in specific preparation

Component Properties

Color	colorless
Specific Gravity - 74°F	0.7
Viscosity - ASTM-D-2196 - 74°F	1 - 5 cps
% Solids	7 - 8 %
Release Type	Silicone

APPLICATIONS

- Mold Making

PRODUCT ADVANTAGES

- Sprayable

RECOMMENDED HANDLING INSTRUCTIONS

Isotec[®] International's Recommended Application and Handling Instructions

- Use only in well-ventilated areas.
- Wear chemically resistant rubber gloves, safety glasses, and an apron.
- Avoid prolonged or repeated contact with skin.
- In case of skin contact, wipe affected area with isopropyl alcohol, followed by soap and water.
- In case of eye contact, flush eyes with water for 15 minutes and consult a physician.
- If swallowed or comes into contact with eyes, seek medical attention immediately.

IsoKote[™] 1000 is a universal silicone based release agent specifically formulated for the release of both low and high temperature cured urethanes from metal and plastic molds. It is also suitable for use in molding epoxies and Viton[®]. Spray lightly and evenly on clean mold surfaces. Allow the solvent in IsoKote[™] 1000 to evaporate and the surface to air dry for approximately 10 minutes. For quicker drying times, dry the master or mold surface with warm air. Use sparingly; too much release agent tends to build up and cover some details on the master or mold surface. You may wipe off any excess release agent with lint free paper. Avoid inhaling vapor and excessive contact with the skin.

STORAGE

Because IsoKote[™] 1000 is supplied in flammable solvents, containers should be stored at room temperature. Do not store above 122° F (50° C). Aerosol cans should not be punctured, incinerated, or used near a source of ignition.

SAFETY

Be sure to read the Safety Data Sheet that comes with IsoKote[™] 1000 before using.

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Since Seller exercises no control over Buyers application or use of the product manufactured by Seller ("product") and since materials used with the product may vary, it is understood that:

- THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OR MECHANABILITY OR FOR ANY PARTICULAR PURPOSE. While all data presented in Seller's technical data sheet is based on the best information available to Seller and believed correct, such data is not to be construed as a warranty that the product will conform to such specifications. Such technical data sheets are subject to change without notice. Reported laboratory test results of fire redundancy in no way relates to the actual performance under fire conditions. Since all urethane systems are organic, they will burn.
- Reported laboratory test results of the color stability in no way relates to the actual performance upon exposure to light sources. Since all aromatic urethanes experience color degradation upon ultraviolet light exposure, Seller shall not be liable for any damages resulting from ultraviolet light color degradation of any aromatic urethane systems manufactured or sold by Seller.
- The liability of the Seller shall not exceed the purchase price and the Buyer shall not be entitled to nor the Seller be liable for any consequential, incidental, indirect or special damages resulting in any manner from the furnishing of the product.

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