



ITW RELEASE AGENT – SPRAYABLE SILICON RELEASE AGENT FOR EPOXY CHOCKS

TECHNICAL DATA SHEET #814

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VERSION: D

PRODUCT DESCRIPTION

ITW RELEASE AGENT is specially formulated to prevent adhesion between most Chockfast products and surfaces of metal, glass, rubber, and many plastics. It is used where the minimum possible clearance between resin and mating surface is required, improving alignment preservation efficiency.

USE & BENEFITS

ITW RELEASE AGENT does not contain silicone oils. When properly used, the release agent coating is only a few molecules thick and there is minimal, usually zero, transfer to the cast resin.

In addition, the ITW RELEASE AGENT contains no chlorinated solvents such as 1,1,1 trichloroethane or methylene chloride.

SURFACE PREPARATION

Effectiveness is dependent upon cleanliness of the surface of the installation area. For the best results, ensure removal of all grease, oil, paint, and foreign matter. Surface should be cleaned to rough, bright metal finish by blasting, grinding, or with emery cloth. Rinse surface with IXT-59 or equivalent solvent to ensure a clean area.

APPLICATION INSTRUCTIONS

Please refer to the appropriate safety data sheet (SDS) prior to using this product.

Shake well. The aerosol spray can should be held upright at a distance of approximately 9" to 12" (23 to 30-cm) from the

surface and a maximum of 1 second of spray on any given area will be ample. The surface should not appear wet even when freshly sprayed. One pass usually provides sufficient coating.

Do not substitute other release agents for ITW RELEASE AGENT without testing their effect on adhesion, clearance, and surface bubbling.

Note: ITW RELEASE AGENT should be applied within a maximum of 1 hour of starting to pour Chockfast. If more time than this has passed since application, then it is recommended to reapply prior to pouring Chockfast.

CAUTION: Keep container away from and do not use near sparks, open flame, heated surfaces, or other ignition sources.

To remove ITW RELEASE AGENT from applied surfaces, perform a solvent wash with IXT-59 or equivalent solvent to ensure a clean area. Water-based degreasers or cleaning agents are not recommended, as the ITW RELEASE AGENT is not water soluble.

STORAGE RECOMMENDATIONS

All product components should be stored in a dry, shaded area in original unopened containers and within a temperature range of 65°- 95°F (16° - 35°C). For additional information, please refer to Technical Guide 1024.

REFERENCE

For any additional recommendations or applications beyond the typical ones listed in this document, please contact your local representative of our Worldwide Distributor Network or ITW Performance Polymers for further support.

PRODUCT INFORMATION

UNIT COVERAGE	21 in ³ (442 cm ³)
TYPICAL APPLICATION TEMPERATURES (AT APPLICATION SURFACE)	40°F to 500°F (4°C to 260°C)
PACKAGING PER UNIT	12 oz (355 mL) in a spray can
UNIT SHIPPING WEIGHT	12 cans/case 15 lbs. (6.8 kg)/case
COLOR	Colorless and non-staining
SHELF LIFE	Min. 2 years in dry storage

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ITW PERFORMANCE POLYMERS

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