

MicroCure T

MicroCure T is an additive for solvent based epoxy and polyurethane paints that improves smoothness, slipperiness and surface tension. Smoothness, slipperiness and low surface tension reduces ice accumulation on painted surfaces. MicroCure is colorless and does not alter the hardness or color of the original paint. MicroCure has excellent slip-effects, anti-crater and leveling properties. MicroCure usage is recommended at 1 - 10% weight of the epoxy or polyurethane paint. This paint additive is suitable for coatings that are waterborne, solvent-borne, 2-part, radiation-curing and pigmented/clear coatings

Technical Data

Appearance	Liquid
Color	Clear - lightly turbid
Odor	Acetone like odor
Flammable	Yes
Water Soluble	No
Density	0.8 g/ml
Hazardous decomposition	> 250°C
Toxicity	Non-toxic
Shelf-Life	Two years

Performance

Tests	Property	Paint with 10% MicroCure compared to blank paint
Ice Pull off	Adhesion	50% easier
Ice slide-off	Icephobicity	50% faster ice slide
Blasting test	Ice Erosion	40% faster ice release
Climatic Chamber	Ice adhesion	60% Ice reduction
Wind Tunnel Tests	Hydrophobicity	Significant reduction in ice accumulation

Copyright Cytonix LLC

The information in this document is believed to be correct on the date of issue. Judgments of the suitability of the information for the purchaser's purposes are the purchaser's responsibility. Although reasonable care has been taken in the preparation of this information, Cytonix extends no warranties, makes no representations, and assumes no responsibility as to the suitability of the information for the purchaser's application.

8000 Virginia Manor Rd, #130
Beltsville, MD 20705, USA
www.cytonix.com
emailbox@cytonix.com
301.470.6267