



SILTECH CORPORATION
225 Wicksteed Avenue
Toronto, Ontario, Canada, M4H 1G5
(416)424-4567 (Tel) (416)424-3158 (Fax)

TECHNICAL DATA SHEET

Silwax[®] 3H12-MS
Paintable Release Agent

DESCRIPTION

SILWAX[®] 3H12-MS is an industrial paintable release agent designed for release of metal, rubber, and plastic materials during fabricating, moulding or extrusion processes.

TYPICAL PROPERTIES

Appearance	Slightly hazy fluid
Composition	Alkylaryl Polydimethylsiloxane
Viscosity (25 ^o C)	1,200-1,300 cst
Active Content %	100
Water Solubility	Insoluble

USES AND APPLICATION

Silwax[®] 3H12-MS is used as a release agent for metal die casting, rubber and plastic parts without affecting the subsequent post finishing process.

Key features:

- Excellent release
- Higher heat resistant vs organic mold release agent or di-methyl siloxane release agent
- No interference with post finishing e.g. painting, coating or bonding

Prior to use, **Silwax[®] 3H12-MS** is diluted with solvents to a desired concentration of 1.0-1.5%. Suitable solvents include chlorinated, aliphatic and aromatic solvents such as xylene and toluene. Alternatively, **Silwax[®] 3H12-MS** can be emulsified and added to water based formulations. To ensure optimum results, the surface of the material should be free from impurities, oil or greases. **Silwax[®] 3H12-MS** is typically applied by brushing or spraying.

SAFETY

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

STORAGE AND SHELF LIFE

When stored in the original, unopened containers between 10 and 40^oC, **Silwax[®] 3H12-MS** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silwax[®] 3H12-MS is available in 20kg and 200kg containers.

LEGAL DISCLAIMER

Siltech Corporation believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech Corporation, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

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