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TECHNICAL DATA SHEET

Siltech® E-3160

Water Based Paintable Release Agent

DESCRIPTION

SILTECH® E-3160 is an emulsion based industrial paintable release agent designed for release of metal, rubber, plastic, concrete and wood materials.

TYPICAL PROPERTIES

Appearance	Milky white emulsion
Composition	Emulsion of Alkyl-aryl Siloxane
Viscosity (25°C)	300-500 cps
Active Content %	50
Specific Gravity	0.95

USES AND APPLICATION

Siltech® E-3160 is used as a release agent for metal die casting, rubber, concrete, plastic parts, without affecting the subsequent post finishing process.

Key features of **Siltech® E-3160** include:

- Excellent release
- Higher heat resistant vs organic mold release agents or di-methyl siloxane release agents
- No interference with post finishing e.g. painting, coating or bonding
- Good emulsion stability
- Water dilutable

Prior to use, **Siltech® E-3160** is diluted with water to a concentration of 0.5 - 1.5% solids. To ensure optimum results, the surface of the part or mold should be free of impurities, oils or greases. **Siltech® E-3160** is typically applied by wiping, 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°C, **Siltech® E-3160** has a shelf life of 12 months from date of manufacture.

PACKAGING

Siltech® E-3160 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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