



Product Information

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MS-132FE/153FE Release Agent

Description

MS-132FE and MS-153FE contain a proprietary ingredient that results in a superior initial release action with up to 5 times the number of release cycles on metal molds. It is not recommended for use on rubber mold or as a dry lubricant for metal to metal. Air dried coatings typically provide 8 to 10 releases between applications. The transfer of the release agent to molded parts is negligible, minimizing interference with post finishing operations. MS-132FE and MS-153FE offers the following benefits:

- Thermally stable (from cryogenic to 500°F/260°C)
- 5 times the number of release cycles
- Chemically inert
- Insoluble in common solvents
- Nonflammable
- Non-migrating

Release Agent Applications

MS-132FE and MS-153FE can be used to release the following materials with virtually no transfer of the release agent:

- Plastics
- Resins
- Acrylics
- Urethanes
- Nylons
- Rubbers
- Phenolics
- Polycarbonates
- Polystyrene
- Elastomers

Physical Properties:

Density.....1.06 g/mL @ 25C
Ozone depletion.....0.00
VOC content of MS-132FE..... 49 gms/l
VOC content of MS-153FE.....0 gms/l

Surface Preparation:

All surface should be clean and dry before applying. Use MS-555 or MS-557 Heavy Duty Solvent and Flux Remover to remove prior release agents.

Application Methods:

MS-132FE Aerosol Spray allows convenient surface application and quick coverage. MS-153FE Bulk Liquid may be applied to a hot mold by spraying or dipping.

Dipping:

Dipping is useful for coating small parts, coils of wire and items of varied shapes. The hot pieces should be dipped into MS-153FE carefully. Coating levels are determined by the rate of withdrawal and number of applications. A single dip is adequate for most uses.

Safety data sheets (SDS) are available upon request.

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