

Mann Formulated Products



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Polyurethane Elastomer Casting

ER 200	Model and pattern release for making epoxy, urethane and platinum cured Silicone molds.
ER 300	Excellent release agent for casting Polyurethane elastomers and epoxy resins. Feature low build-a and paintable castings after proper cleaning.
ER 400	Superior release for Cast Polyurethane elastomers with excellent gloss. Not paintable.
ER 500	PTFE Paintable release for all elastomers and foams. Produces flat finish.
ER 6577	Heavy duty release agent for casting polyurethane elastomers using complex molds.
ER 2831	Wax based release agent for urethane elastomers and foam. Temperature Range: 150-230°F (65 - 110°C). Room temperature release agent-sealer on plaster molds.
AQ 6101	A Silicone concentrate for polyurethane elastomer molding. Contains 35% silicone emulsion.
AQ 6201	Aqueous silicone release agent. Ready to use version of AQ-6101.
AQ 75	A New Silicone concentrate-for polyurethane elastomer molding. Contains 20% silicone emulsion. Better dilution ratio and release with reduced build-up.
AQ 50	Aqueous silicone release agent. Ready to use version of AQ-75
MC 2587	Heavy duty mold cleaner for metal molds. For cleaning urethane residues from molding.

Epoxy Casting

ER 200	Model and pattern release for making epoxy, urethane and platinum cure silicone molds.
ER 300	Excellent release agent for casting Polyurethane elastomers and epoxy resins.
ER 500	Feature low build-a and paintable castings after proper cleaning. PTFE Paintable release for all elastomers and foams. Produces flat finish.
MC 2508	General purpose mold cleaner for metal molds. For cleaning mold release and polymer residues.

Polyurethane Foam

ER 500	PTFE Paintable release for all elastomers and foams. Produces at finish the casting.
ER 1700	Paintable release agent for rigid urethane foam.
ER 2310	Paintable release agent for rigid polyurethane foam and elastomers. for RIM and hand casting.
ER 2951	Wax based release for polyurethane flexible foam. Temperature Range: 110 -130°F 43 - 55°C
ER 2831	Wax based release agent for urethane elastomers and foam. Temperature Range: 150 - 230°F 65 - 110°C . Room temperature release agent-sealer on plaster molds.
AQ 2865	Wax based soap release paste for urethane foam used in Automotive interior door panel and IPs.
A 3664	Paintable release for rigid urethane foam molding.
MC 2587	Heavy duty mold cleaner for metal molds. For cleaning urethane residues from molding.

Rubber Molding

ER 400	Superior release for Cast Polyurethane elastomers with excellent gloss. Not paintable.
ER 500	PTFE Paintable release for all elastomers and foams. Produces flat finish.
PL 3440	FlowCoat heat flowed coating for fluoroelastomer rubber.
PL 650	Semi-Permanent release coating for Polyester Solid Surface molding and Compression molding rubber elastomers. Spray on, instant cure on Hot or cold molds. Available in Aerosol or Bulk.
PL 3200	Semi-permanent emulsion for rubber molding. Room Temperature cure.
AQ 6101	A Silicone concentrate for polyurethane elastomer molding. Contains 35% silicone emulsion.
A 6201	Aqueous silicone release agent. Ready to use version of AQ-6101.
AQ 75	A New Silicone concentrate for polyurethane elastomer molding. Contains 20% silicone emulsion. Better dilution ratio and release with reduced build-up.
AQ 50	Aqueous silicone release agent. Ready to use version of AQ-75

Polyester Lay-up & Casting

PL SMC	Mold prep coating to seal micro-porosity and to protect the surface from styrene attack.
PL 600	Semi-permanent release coating for gel-coat FRP processing. Wipe-On, Wipe- Off.
PL 650	Semi-Permanent release coating for Polyester Solid Surface molding and compression molding rubber elastomers. Spray on, instant cure on Hot or cold molds. Available in Aerosol or Bulk
ER 2125 PVA	PVA release coating for Polyester FRP lay-up. Available in Green or clear.
MC 2508	General purpose mold cleaner for metal molds. For cleaning mold release and polymer residues.

Thermoplastic Molding

ER 500	PTFE Paintable release for all elastomers and foams. Produces flat finish.
ER 700	Food grade General-purpose silicone lubricant and release agent for injection molded thermoplastics.
ER 800	Release agent for making addition and condensation cured RTV silicone rubber molds.
ER 1700	Paintable release agent for rigid urethane foam.
MC 2508	General purpose mold cleaner for metal molds. For cleaning mold release and polymer residues.

Silicone RTV

ER 200	Semi-Permanent release coating for Polyester Solid Surface molding and compression molding rubber elastomers. Spray on, instant cure on Hot or cold molds. Available in Aerosol or Bulk.
ER 800	Release agent for making addition and condensation cured RTV silicone rubber molds.
ER 500	PTFE Paintable release for all elastomers and foams. Produces flat finish.



POLY DRY is a dry gas blanket designed to extend the shelf life of moisture sensitive polyurethane products by displacing the air in the container it is sprayed into. Applying the POLY DRY dry gas blanket to the unused portion of a liquid polyurethane, before replacing the lid on the container, will significantly extend the shelf life of the product.

For maximum benefit, POLY DRY should be applied every time your polyurethane container is opened. For two component polyurethane products, POLY DRY needs to be only used with the part that contains the TDI or MDI prepolymer. Use with adequate ventilation.

DIRECTIONS

1. Shake well before using.
2. Partially close lid on container to be sprayed.
3. Place POLY DRY nozzle under container lid and spray for a few seconds. Spray time will depend on container used. For example:
 - ~A half full 1 Gallon container need only be sprayed for about 2 seconds.
 - ~A half-full 5 Gallon container for about 5 seconds.
4. Immediately replace lid on the container making sure that it is secure in all directions.

Safety

The Material Safety Data Sheet (MSDS) for this or any Mann product should be read prior to use and is available upon request from Mann Formulated Products. All Mann products are safe to use if directions are read and followed carefully.

Be careful. Use only with adequate ventilation. Contains Ethane, 1,1,1,2-Tetrafluoro (CAS #811-97-2) and Dimethyl Ether (CAS#115-10-6). Vapors will accumulate readily. Keep product away from heat, sparks, flames and sources of static discharge. Do not store above 120F/48C. Do not puncture, incinerate or discard in compactor.

First Aid: Use directional arrow on spray head to avoid spraying in eyes. In case of eye contact, flush with water for 15 minutes and get immediate medical attention. Skin contact: wash with soap and water. Respiratory difficulty: provide fresh air and call doctor.

Note: Inhalation of high concentrations of vapor can cause central nervous system depression and/or heart irregularities. May generate toxic gases on contact with open flame. **EYE IRRITANT.** Wear eye protection. Avoid contact with eyes and prolonged or repeated contact with skin. Use only as directed. Keep out of reach of children.

Important: The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof or that any such use will not infringe upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.