

DEMOLD SPRAY

Release Agent for Plastics

SOLVENT

DESCRIPTION

DEMOLD SPRAY is a release agent for plastics. It allows any subsequent decorating process such as painting, screen printing, gluing or adhesive bonding.

BENEFITS

- **DEMOLD SPRAY** has excellent anti-adhesion and lubricating properties, which makes it an ideal release agent for all manufacturing processes (plastic injection, extrusion, blow molding, thermoforming, compression).
- **DEMOLD SPRAY** facilitates the release of materials such as polyamides, ABS, polyurethanes, epoxies, polyesters, rubbers... It leaves a dry and thin film that does not flow. This is a very penetrating product which allows for:
 - Easy demolding, even for very complicated shapes;
 - Obtaining an excellent surface finish of the demolded pieces (avoids surface defects such as roughness, striations, wrinkles, etc).It has no negative effect on most plastics, rubber and metal surfaces.
- **DEMOLD SPRAY** does not generate corrosion on the molds.
- **DEMOLD SPRAY** shows excellent results as a non-stick agent to treat high-precision casting molds in lost wax casting processes.
- **DEMOLD SPRAY** is silicone-free and paintable.
- It has obtained NSF H-1 certification (registration number 152733) and it is hence suitable for applications where incidental food contact is possible or unavoidable.

PERFORMANCE DESCRIPTION

DEMOLD SPRAY has a base oil viscosity at 25 °C of 700 mm²/s (NF EN ISO 3104).

- Plastics and rubber industries: Demolding of plastics and rubbers, demolded plastic parts intended for post finishing treatments.
- Food industry: Mold anti-adhesion treatment, belt lubrication, treatment of guide rails and skin-pack cutting machines.
- Paper industry: Treatment of press plates and cutting machines.
- Printing industry: Treatment of cutting guillotines.
- Packaging industries: Treatment of belts, guide rails and blister-packaging tools.

TECHNICAL INFORMATION

NAME	METHOD	DEMOLD SPRAY
Color	Visual	Clear
Aspect		Liquid
Odour		Low
Temperature range		-40 °C to + 200 °C
Copper Stripe Corrosion	ISO 2160	1a 24 h @ 100 °C

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.

RECOMMENDATIONS

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment.

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary. The safety data sheet of this product is available at www.motul.com