



Epoxy &
Polyurethane
Manufacturing and
Research

TECHNICAL BULLETIN

SIGN MASK

Peelable Protective Coating

Description

SIGN MASK is a water based, air or forced dry, hand peelable, U.V. resistant, tan colored semi-transparent, temporary protective coating that can be applied to most non-porous surfaces. Several glass, porcelain, fiberglass, gel coat, aluminum and stainless steel surfaces have been tested with success. This formula is designed to have low, consistent adhesion and to tear in lines. It sustains its peelable properties when held at temperatures up to 220°F which makes it a good in-process material for manufacturing purposes.

Physical Characteristics (As Shipped)

Appearance	Viscous Tan Liquid
Coverage (ft ² /mil of dry film/gal)	614 ft ² /gal
Pounds/Gallon	10.44 ± 0.2
Coating VOC (EPA Method 24)	44 G/L
Shelf Life (closed container)	1 year at recommended temperatures
Minimum Film Forming Temp.	50°F.
Product Packaging	Ready to use for air or airless spray application in 5 gallon pails or 55 gallon drums.
Storage Temperature	50-110°F.
Rec. Dry Film Thickness	4-8 mils
Cure Cycle	Air cure time will vary depending on wet film thickness and atmospheric conditions (temperature, air velocity, and relative humidity). Dry times may be decreased by optimizing these conditions. Consult your product representative for further info.

Product Precautions

WARNING! DO NOT ALLOW PRODUCT TO FREEZE! KEEP OUT OF REACH OF CHILDREN. Use with adequate ventilation. **DO NOT TAKE INTERNALLY.** Avoid prolonged contact with skin. While spraying, wear a suitable respirator with an ammonia cartridge to prevent inhalation of overspray and vapors. Keep containers closed when not in use. **CONSULT MATERIAL SAFETY DATA SHEET FOR HANDLING AND SAFETY INFORMATION.**

- DO NOT allow the product to freeze. Frozen liquid material cannot be rejuvenated and will not function properly.
- DO NOT apply the product to surfaces other than those specifically noted prior to thoroughly testing.
- DO NOT apply the coating too thin. This will result in a weak discontinuous film which will be difficult to remove and offer no protection.
- DO NOT apply the coating when it will be exposed to rain, moisture or freezing temperatures before it can fully cure.
- DO NOT attempt to peel the coatings at extreme temperatures. They will peel easily at normal room temperature. Very high temperatures (more than 160°F) may cause the coating to fail.
- DO NOT apply the coating over small, intricate or delicate parts. These areas should be masked with plastic film or tape as the coating may be difficult to remove.



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Product Use Instructions

General –

The following directions and recommendations are intended to serve as a guide and may require modification to meet local conditions.

Mixing –

None required.

Thinning –

Use as received. Do not thin.

Surface Preparation –

The intended substrate must be clean and dry to accept the protective coating properly. Loose debris, dust, or other contamination may degrade product effectiveness and peelability.

NOTE: CONSULT MATERIAL SAFETY DATA SHEET FOR HANDLING AND SAFETY INFORMATION.

AIRLESS SPRAY APPLICATION

Airless spray equipment capable of generating a fluid pressure of 2000-2500#. Select a tip size suitable for your application and equipment capabilities. Adjust the fluid pressure to achieve proper atomization and spray pattern.

CONVENTIONAL AIR SPRAY APPLICATION

Conventional air spray equipment may be used. Some products may require the use of a larger fluid nozzle and/or thinning with water to spray. Note that the addition of water will require you to apply more material to obtain the desired dry film thickness and will increase the time to dry the coating. Use as little water as possible.

Dry Film build required in mils	4	5	6	7	8	9	10	12
Wet mils to apply	10	13	16	18	21	23	26	31
ft² of coverage/gallon	153	123	102	88	77	68	61	51

Contact EPMAR for any additional application information.

Warranty

The following warranty is made in lieu of all other warranties, either expressed or implied. This product is manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results of any use. The only obligation of either seller or manufacturer shall be to replace any quantity of this product, which is proved to be defective. Any claim of defective product must be received in writing within one (1) year from date of shipment. Neither seller nor manufacturer assumes any liability for injury, loss, or damage resulting from use of this product.

Service is part of our formula

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