



AMI ADVANCED MATERIALS FOR INDUSTRY

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Additives, Coatings & Colors

PRODUCT DATA SHEET

Guardcote PolyPro Primer Primer for Polypropylene, Other Plastics and Metals

DESCRIPTION

Adhesion Promoter

Guardcote PolyPro Primer is mainly used as a primer coating for polypropylene and other difficult to adhere to substrates. It has outstanding adhesion to polypropylene, other plastics and metals.

Typically, it has been difficult to gain adhesion to untreated plastic, especially non-polar surfaces such as polypropylene. Not anymore! **Guardcote PolyPro Primer**, a polypropylene paint, provides outstanding adhesion to plastics, aluminum, galvanized and other metals that have traditionally proven nearly impossible to coat.

In the past, surface treatments such as Chemical etching, Abrasion, Flame treatment, Gas plasma and Corona discharge have been employed in an effort to gain adhesion to difficult plastic substrates. Forget about it, **Guardcote PolyPro Primer** provides all of the advantages of the above-mentioned treatments, which may be hazardous, inconvenient, time consuming and often expensive.

APPLICATIONS

- Pipes
- Valves
- Fittings
- Tanks
- truck trailers
- guard rails
- support beams and legs
- fences
- conveyors
- overhead cranes
- floor gratings
- ductwork
- sign posts
- meter frames
- decks
- bulk heads and hatch covers on ships
- plows
- tractors
- snow removal equipment
- garden tools
- furniture
- railings
- hinges
- gates
- machinery
- hand tools
- motor housings
- doors

- golf carts
- bridges
- fire hydrants
- dumpsters

- fire escapes
- carts
- poles

TECHNICAL DATA

State: Amber Liquid

Volatiles lbs per gallon: 6.4 **Viscosity:** 400
cps @ 60°F.

Wt. per U.S. gallon: 7.77 lbs.

Flash Point: 50°F

Boiling Point: 208°F to 240°F

Refractive Index: 1.454

Guardcote PolyPro Primer is a solvent based system that is compatible with many top-coats including vinyls, urethanes, alkyds, epoxies, melamines and acrylics. It can be used to seal leaking Polypropylene process tanks by first gaining adhesion with **Guardcote PolyPro Primer** and then top-coating the primer with our chemical resistant coating, **GuardCote PVC**. It is also excellent for automobile bumpers, automobile plastics, process tanks and aluminum and galvanized metal parts and structures.

APPLICATION:

Apply one coat to the substrate to which adhesion is desired. In some cases, both substrates should be coated in cases where there is metal to plastic bonding or plastic to plastic. Allow at least 24 hours' cure time at ambient temperatures prior to adhesion testing.

PRECAUTIONS:

Warning: May cause irritation. Avoid contact with eyes and skin. In case of contact, flush eyes with plenty of water for at least 15 minutes. Seek prompt medical attention. Flush skin with water. Harmful if swallowed. If swallowed, drink large quantities of water. Call a physician. For industrial and institutional use only.

GUARANTEE:

AMI guarantees its products, when used as directed, to do all it claims. Should the product fail to demonstrate our claims, the remaining material may be returned to us and no charge will be made.