

CoatOSil™ PROTEC Moisture Curable Resin for Coatings

Product Description

CoatOSil PROTEC resin for coatings is formulated without NCO- silylated polyurethane resin for formulating one-part, moisture-curing protective coatings. CoatOSil PROTEC resin may be used solely or as a resin component in formulating clear and pigmented coatings for primer/topcoat applications for use on multiple substrates, including concrete, metal, wood, and plastic substrates, among others.

Key Features and Typical Benefits

- Moisture Curable Technology
- Formulated without Free-NCO
- Excellent Adhesion (Wet & Dry)
- Excellent Frontal / Reverse Impact Resistance
- Good Water and Chemical Resistance
- Good Weatherability (Gloss and Color Retention)

Typical Physical Properties

Appearance	Liquid, Pale Yellow
Viscosity (cP at 25 °C)	~12,000 cP
Shelf Life (Unopened Container)	12 months
Density (g/cm ³ at 25 °C)	1.06 g/cm ³
VOC (g/L) EPA Method 24	~200 g/L
% Weight Solids	~80%

Typical properties are average data and are not to be used as or to develop specifications.

Potential Applications

Binder or co-binder in protective coatings for:

- Metals / Metal Alloy Substrates (CRS, HDG, Aluminum)
- Concrete Substrates
- Plastic Substrates (PC, PC/ABS, Nylon)
- Wood Substrates
- Glass Substrates

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

Customer Service Centers

For additional information, please contact our Customer Service Team

AMERICAS	+1 800 295 2392 Toll Free* +704 805 6946 Direct Number
LATIN AMERICA	BRAZIL +55 11 4534 9650 Direct Number MEXICO +52 55 2169 7670 Direct Number *All American countries
EMEA – EUROPE, MIDDLE EAST, AFRICA & INDIA	EUROPE +390510924300 Direct Number INDIA, MIDDLE EAST & AFRICA +91 44 71212207 Direct Number* *All Middle Eastern countries, Africa, India, Pakistan, Bangladesh, Sri Lanka
ASIA PACIFIC	CHINA 800 820 0202 Toll Free +86 21 3860 4892 Direct Number JAPAN +81 3 5544 311 Direct Number KOREA +82 2 6201 4600 Direct Number SOUTH EAST ASIA, AUSTRALIA & NEW ZEALAND +60 3 9206 1543 Direct Number* *All East Asia countries (Malaysia, Singapore, Thailand, Indonesia, Vietnam, Philippines, Cambodia, Myanmar / other countries located in Pacific region)
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260 Hudson River Road
Waterford, NY 12188 USA
momentive.com