

Acrylic Hybrid 1055

Ready-to-use Protective Spray Coat

Product Code: 226647



Exactly your chemistry.

Product and Test Information

MANUFACTURER

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FEATURES

- Superior chemical resistance (MEK, acetone, brake fluid, and most other organic solvents)
- Excellent UV stability
- Ready-to-use formulation
- Crystal clear finish
- Oxidation resistance
- Corrosion resistance
- Thermally durable
- Low VOC

PRODUCT DESCRIPTION

Acrylic Hybrid 1055 is a ready-to-use patented protective spray coat containing both polysilazane and acrylic components that can be thermally-cured to provide an oxidation and corrosion resistant clear finish.

Acrylic Hybrid 1055 can be easily sprayed on and subsequently cures upon heating to temperatures between 100°C and 175°C for 75 minutes.

PRODUCT APPLICATIONS

Acrylic Hybrid 1055 provides clear, protective, thermally-cured coatings for ferrous and non-ferrous metals and alloys, ceramics, glass, etc.

Suggested applications include: High temperature, industrial, decorative, infrastructure, automotive and marine coatings.

PACKAGING

Acrylic Hybrid 1055 is available in 1 gallon containers, 5 gallon pails and 55 gallon drums. Contact a Sales Representative to determine the packaging required to suit your needs.

TECHNICAL DATA

Appearance:	Clear liquid
Adhesion:	100% (ASTM D3359)
Hardness:	6H (ASTM D3363)
Gloss:	90 @ 60°
VOC:	N/A

SOLVENTS

Acrylic Hybrid 1055 can be diluted with dry aprotic solvents such as alkanes, aromatic hydrocarbons, ethers, ketones and esters.

Acrylic Hybrid 1055 is hydrolytically sensitive and will slowly generate ammonia upon contact with moisture. Reaction will also occur with other protic materials such as acids, bases and alcohols.

APPLICATION INFORMATION

Acrylic Hybrid 1055 can be applied by dipping, spraying or roll coating. The recommend cure profile is 100°C for 30 minutes followed by 175°C for 30 minutes.

SHELF LIFE

Acrylic Hybrid 1055 has a shelf life of 2 years for material in the unopened original containers.

Usable life will be determined by the precautions taken to keep containers tightly sealed and protected from moisture.

CLEAN UP

Proper clean-up is essential. Clean tools immediately after use with acetone or mineral spirits followed by soapy water. Cured material cannot be removed with solvent.

HANDLING PRECAUTIONS

May cause lung irritation. Use adequate ventilation. In enclosed areas, respiration equipment is necessary. Avoid contact with skin and eyes. Wear necessary protective equipment. Keep uncured product away from flame, sources of ignition and moisture. Prevent uncured product from coming contact with water. **FOR INDUSTRIAL USE ONLY.** Refer to MSDS for more information.

TECHNICAL SERVICE

Technical chemists are available to answer any performance, application, removal methods and chemical specifications. Call 800.585.2151 for direct service.

This product sheet is not designed to serve as or be substituted for a MSDS on this product. A MSDS is available from KiON Specialty Polymers by calling 800.585.2151.

Information on this product sheet is subject to change without notice as a result of experience and ongoing product development. It is the user's responsibility to verify that this sheet is current prior to use. The user accepts all risk associated with any use of this product for any purpose other than as recommended herein.

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