

EBECRYL® 780

For Vacuum-Metallization Topcoat



The Coating Resins Company

Radcure

EBECRYL® 780 is an acid functional oligomer suitable for a wide range of applications that require the use of vacuum-metallization (VM) topcoats. Our tin-free resin offers excellent adhesion on a variety of metallized surfaces and metal.

EBECRYL® 780 Target Applications

Value Proposition

- ✓ Excellent adhesion on aluminium and VM surfaces
- ✓ Fast cure response
- ✓ Excellent hardness
- ✓ Good chemical and boiling water resistance
- ✓ Good gloss characteristics
- ✓ Tack-free upon solvent evaporation
- ✓ Environmentally-friendly (Tin-free)

EBECRYL® 780 for VM Topcoat	
Ingredients	Parts
EBECRYL® 780	63
EBECRYL® 8213	20
IBOA	16
PI	4
EBECRYL® 168	1
EBECRYL® 350	0,2

- Adhesion on VM layer: 100 %
- Water resistance test (80°C, 1 hour):
 - Adhesion: 100%
 - Appearance: Good
- Pencil hardness: F

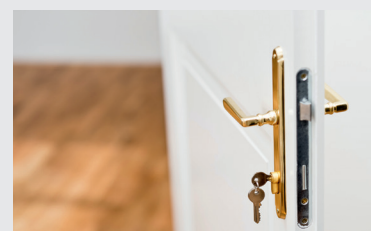
Cosmetic packaging



Automotive



Fixtures, furniture and fittings



All kinds of accessories



And many more...

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For Vacuum-Metallization Topcoat

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Vacuum-Metallization (VM) is a form of Physical Vapor Deposition (PVD), a process that combines metal with a non-metallic substrate through evaporation. It is used for aesthetic and barrier effect for different plastics applications.



1 Substrates (ABS, PC...)

2 UV primer coat

3 VM layer (PVD layer)

4 UV topcoat with
EBECRYL® 780

Please contact us for additional information on starting-point formulas, recommended additives or any other questions regarding EBECRYL® 780.

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