



Technical Data Sheet

DOWSIL™ HV 495 Emulsion

Aqueous silicone emulsion

Features & Benefits

- Excellent thermal stability
- Easy application
- Good slip characteristics, imparts greasy hand feel to leather surface
- Good abrasion resistance
- Excellent dilution stability
- High gloss/color intensity
- Good surface wetting characteristics

Applications

- Hand modifier in water-based top finishing formulations for leather treatment; also provides abrasion resistance and gloss.

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Test ¹	Property	Unit	Result
0176	Appearance		Milky white liquid
0001	Specific Gravity at 25°C (77°F) / 15.6°C (60.1°F)		1.00
0007	pH		7
0862	Non-Volatile Content	% w/w	40
0050	Internal Viscosity	mm ² .s ⁻¹	100,000
	Emulsifier Type		Anionic

1. CTM: Corporate Test Method, copies of CTM's are available on request.

How To Use

Incorporate DOWSIL™ HV 495 Emulsion at levels between 1 to 4% in the aqueous phase of the product with low shear mixing.

Handling Precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT CONSUMER.DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

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DOWSIL™ HV 495 Emulsion

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Usable Life And Storage	When stored at or below 40°C (104°F) in the original unopened containers, this product has a usable life of 18 months from the date of production.
Packaging Information	This product is available 20 kg pails, 200 kg and 1000 kg IBC.
Limitations	This product is neither tested nor represented as suitable for medical or pharmaceutical uses.
Health And Environmental Information	<p>To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.</p> <p>For further information, please see our website, consumer.dow.com or consult your local Dow representative.</p>

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