



A Step Ahead...

QUAKER COLOR

DIVISION OF McADOO & ALLEN, INC.

201 S. HELLERTOWN AVENUE P.O. BOX 219
QUAKERTOWN, PENNSYLVANIA 18951-0219
(215) 536-3520 FAX (215) 536-6464
www.quakercolor.com

Technical Data Sheet

Product Code: MH-245

Experimental PUD

DESCRIPTION

MH-245 high performance, low VOC aliphatic polyurethane dispersion designed for concrete coatings. MH-245 has hot tire pick up resistance when formulated as a one component coating. MH-245 could be crosslinked with carbodiimines or isocyanate.

FEATURES

- Hot tire pick up resistance
- Excellent adhesion to concrete
- Excellent water resistance
- Excellent resistance to household cleaners
- Excellent IPA resistance

PROPERTIES

NV %	36-38
VOC, g/l	185
pH	7.9 – 8.5
Viscosity, cPs	Max 1000
Tensile Strength, psi	3900
100% Modulus, psi	2300
Elongation	250%

STORAGE

Store in a cool, dry place, preferably less than 80°F to ensure a useful shelf life of 18 months. Protect from freezing. Mix before use (Mechanical mixing preferred)



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STARTING POINT FORMULATION

MH-245	100.00
Foamstar A10	0.50
BYK 347	1.00
Dowanol DPNB	5.00

TEST RESULTS

Hot tire pick up, clamped apparatus, 1 hr 140F no lifting, no imprint, will have a black mark that cleans with any household cleaner

Spot test, 24 hours, covered, on smooth or porous concrete blocks

Water	No Effect
IPA	No Effect
Windex	No effect
Simple Green	Some softening

IPA Double rubs. CRS	185 to remove
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Taber Abrasion, CS10, 2000 cycles	46 mg loss
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Quaker Color manufactures all its products under carefully controlled conditions to meet rigid specifications. The values given in this publication are typical values intended as guidelines for the use of the products, they are not specifications. It is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Should you require the actual specifications currently enforced on specific products contact your Quaker Color representative for the appropriate information.