



TECHNICAL DATA SHEET

MOISTURE CURE URETHANE

197-9640

DESCRIPTION

A high gloss, solvent based floor coating exhibiting ultimate hardness and chemical resistance in a one-component system. This clear finish is formulated for use on interior concrete and wood surfaces where harsh conditions are encountered. Exhibits outstanding resistance to abrasion, marring and scuffing as well as foot, tow motor, forklift and vehicular traffic. Chemical resistance is excellent including against oil, grease, hydraulic fluid, many solvents and moderate acids and alkalis. Suitable for use in factories, warehouses, parking decks, aircraft hangars, service stations, gymnasiums and many other location.

PRODUCT CHARACTERISTICS

- ◆ Wears up to five times longer than conventional coatings
- ◆ Excellent chemical resistance to oil, grease, alcohol, automobile gas, aviation gas, jet fuel, acids, alkalis, cleaners, solvents and most other chemicals
- ◆ Finish is actually harder than concrete - extends life of floor
- ◆ Outstanding gloss - increases light levels
- ◆ Best to apply product when humidity is 40-50% and temperature is 65-95°F
- ◆ Simple application - comes ready to use - no messy mixing required
- ◆ Standard color is clear, however color additive packets are available

COVERAGE

350-450 square feet per gallon depending on surface texture and porosity

DRY TIME

Set-to-touch.....	1-2 hours
Recoat.....	5-12 hours
Light Traffic.....	24 hours
Full Cure.....	36-72 hours

SURFACE PREPARATION

Surface must be clean, dry and free of dirt, grease, wax, oil, rust, mildew, efflorescence, chalk, soap residue, loose paint or other foreign matter. New concrete or masonry surfaces should age at least 30 days before being coated. Spalling or powdery concrete must be repaired to a sound surface before coating. Concrete that is smooth troweled or suspected of treatment with chemical “de-icers” should be etched with dilute muriatic acid and rinsed thoroughly with clean water before coating to promote bonding. Unsound or rotting wood must be replaced before coating. Glossy surfaces should be scuff sanded to promote the maximum adhesion of this product.

METHOD OF APPLICATION

Stir well and apply without thinning in an even coat using a lambswool applicator wrapped with cheese cloth to eliminate lint from the pad. Do not use a roller. Two coats are recommended for maximum performance. When recoating, scuff sand the surface first if the previous coat is allowed to dry more than 12 hours. Apply at temperatures between 65-95° F and humidity of 40-60%. Clean up equipment immediately after use with xylene.

TECHNICAL DATA

Solids	35%
Color (when dry)	Clear
60° Gloss	85%
Viscosity	17-20" Din #4
Weight per Gallon.....	8.1 pounds
Flash Point (T.C.C.).....	75° F
Dry Hard @ 30% Relative Humidity.....	72 hours
Dry Hard @ 50% Relative Humidity.....	24 hours
Dry Hard @ 75% Relative Humidity.....	12-18 hours
Abrasion Resistance	Outstanding
Chemical Resistance	Excellent
Sward Hardness	38
Taber Abrasion (CS17/1000g/1000 cycles).....	28 mg ave wt loss
Tensile Strength	5000 psi
Elongation	85%
Impact Resistance (direct/reverse)	160/140 inch pounds
VOC Content	Less than 600 g/l

CAUTION: DURING APPLICATION, EXTINGUISH ALL FLAMES, INCLUDING PILOT LIGHTS. ENSURE ADEQUATE VENTILATION. DO NOT USE IN CLOSED AREA.

AVAILABLE CONTAINER SIZES

55 Gallon Drum, 5 Gallon Pail

Read and fully understand label and MSDS before use.

Information and data given herein are based upon tests and reports considered reliable and believed to be accurate. However, due to circumstances beyond our control including but not limited to surface preparation, application technique, substrate and curing conditions, no guarantee of duplicate performance, expressed or implied, is made.