



MOISTURE CURE

URETHANE CONCRETE AND WOOD FINISH

1T-992

Features

- High Solids Content
- Self-Leveling Formulation
- Resists Marring Scuffing
- Brilliant High Gloss Sheen
- Self-Sealing
- Resists Household Chemicals

Recommended For

Gymnasiums, Commercial Floors, Interior Hardwood Floors, Cured Concrete Slabs and Dance Floors. Moisture cure is ideal for high traffic commercial and residential floors where maximum performance and durability is desired.

General Description

Lenmar® moisture cure urethane, 1T-992, has a slight amber cast. This formulation will produce a very tough abrasion resistant high gloss film which resists household chemicals and withstands marring and scuffing when fully cured. Moisture cure is ideal for high traffic commercial and residential floors where maximum performance and durability is desired.

Limitations

- Do not apply moisture cure urethane over existing polyurethane, lacquer, shellac, asphalt tile, or linoleum.

Product Information

<p>Colors — Standard: Clear</p> <p>— Tint Bases: N/A</p> <p>— Special Colors: N/A</p> <p>Certification & Qualifications: VOC compliant in federally regulated areas only</p> <p>The products supported by this data sheet contain a maximum of 600 grams per liter VOC /VOS (5.0 lbs/gal.) excluding water & exempt solvents.</p> <p>Technical Assistance: Available through your local authorized independent Lenmar dealer. For the location of the dealer nearest you, call 1-877-299-3600 or visit www.lenmar-coatings.com</p>	<table border="1"> <thead> <tr> <th colspan="2">Technical Data</th> <th>Clear</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td colspan="2">Moisture Cure Urethane</td> </tr> <tr> <td>Pigment Type</td> <td colspan="2">N/A</td> </tr> <tr> <td>Weight Solids</td> <td colspan="2">40% ± 1.0%</td> </tr> <tr> <td>Volume Solids</td> <td colspan="2">32% ± 1.0%</td> </tr> <tr> <td>Coverage per Gallon at Recommended Film Thickness</td> <td colspan="2">513 – 525 Sq. Ft.</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet</td> <td>2 – 3 mils</td> </tr> <tr> <td></td> <td>– Dry</td> <td>.6 - 1.0 mils</td> </tr> <tr> <td colspan="3">Allow for wood species, surface preparation, application techniques, surface defects and porosity of substrate to affect spread rates.</td> </tr> <tr> <td rowspan="2">Dry Time @ 65 °– 75 °F @ 55% – 75% RH</td> <td>– To Touch</td> <td>1 – 2 Hours</td> </tr> <tr> <td>– To Screen</td> <td>6 – 8 Hours</td> </tr> <tr> <td>Dries By</td> <td colspan="2">Moisture Cure</td> </tr> <tr> <td>Viscosity</td> <td colspan="2">35 – 40 Sec (#2 Zahn)</td> </tr> <tr> <td>Flash Point</td> <td colspan="2">77 °F (25 °C)</td> </tr> <tr> <td>Gloss / Sheen</td> <td colspan="2">Gloss</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min.</td> <td>65 °F</td> </tr> <tr> <td></td> <td>– Max.</td> <td>90 °F</td> </tr> <tr> <td>Thin With</td> <td colspan="2">Do Not Thin</td> </tr> <tr> <td>Clean Up Thinner</td> <td colspan="2">1A-406 or 1A-519 Lacquer Thinner</td> </tr> <tr> <td>Weight Per Gallon</td> <td colspan="2">7.9 – 8.1 lbs.</td> </tr> <tr> <td rowspan="2">Storage Temperature</td> <td>– Min.</td> <td>50 °F</td> </tr> <tr> <td>– Max.</td> <td>90 °F</td> </tr> <tr> <td colspan="3" style="text-align: center;">Volatile Organic Compounds (VOC)</td> </tr> <tr> <td colspan="3" style="text-align: center;">574 Grams/Liter 4.8 Lbs./Gallon</td> </tr> </tbody> </table>	Technical Data		Clear	Vehicle Type	Moisture Cure Urethane		Pigment Type	N/A		Weight Solids	40% ± 1.0%		Volume Solids	32% ± 1.0%		Coverage per Gallon at Recommended Film Thickness	513 – 525 Sq. Ft.		Recommended Film Thickness	– Wet	2 – 3 mils		– Dry	.6 - 1.0 mils	Allow for wood species, surface preparation, application techniques, surface defects and porosity of substrate to affect spread rates.			Dry Time @ 65 °– 75 °F @ 55% – 75% RH	– To Touch	1 – 2 Hours	– To Screen	6 – 8 Hours	Dries By	Moisture Cure		Viscosity	35 – 40 Sec (#2 Zahn)		Flash Point	77 °F (25 °C)		Gloss / Sheen	Gloss		Surface Temperature at Application	– Min.	65 °F		– Max.	90 °F	Thin With	Do Not Thin		Clean Up Thinner	1A-406 or 1A-519 Lacquer Thinner		Weight Per Gallon	7.9 – 8.1 lbs.		Storage Temperature	– Min.	50 °F	– Max.	90 °F	Volatile Organic Compounds (VOC)			574 Grams/Liter 4.8 Lbs./Gallon		
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May, 2022

Moisture Cure Urethane Concrete and Wood Finish 1T-992

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application

Over properly sanded interior wood surfaces, apply one coat of moisture cure to raw wood and let dry. Follow initial coat with 1 – 2 additional coats of moisture cure. For untreated concrete surfaces that have cured for at least 30 days and have been properly etched with muriatic acid, apply a minimum of 2 – 3 coats. Do not apply moisture cure urethane over existing polyurethane, lacquer, shellac, asphalt tile, or linoleum.

Specifications

Install and sand all hardwood floors to NWFA guidelines. Surfaces must be free of contaminants. Final sanding grit should be no higher than 120-grit. Remove all dust. Tack with a clean dry cloth. For concrete surfaces, etch with a 10% solution of muriatic acid according to directions and warnings. Rinse with clean water to remove all acid residue. Test slab for acceptable levels of moisture content and PH before applying. Apply with natural bristle brush and/or lambswool applicator only under ideal levels of temperature and humidity. After 6 – 8 hours of drying, screen thoroughly and remove dust. Extinguish all sources of ignition. Use only with adequate ventilation before, during, and after application. Read label and SDS for additional warnings and information.

Clean up

Clean with Lenmar® 1A-406 or 1A-519 Lacquer Thinner.

Environmental Health & Safety Information

DANGER!

Harmful if inhaled

Causes skin irritation

Causes serious eye irritation

May cause allergy or asthma symptoms or breathing difficulties if inhaled

May cause an allergic skin reaction

Suspected of causing cancer

May cause respiratory irritation

May cause damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Flammable liquid and vapor

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area. Wash face, hands and any exposed skin thoroughly after handling. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground/ bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep cool. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF exposed or concerned: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. In case of fire: Use CO2, dry chemical, or foam for extinction.

Storage: Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Disposal: Dispose of contents/container to an approved waste disposal plant.

CAUTION: All floor coatings may become slippery when wet. Where non-skid characteristics are desired, a small amount of clean sand may be added. Stir often during application.



WARNING Cancer and Reproductive Harm—
www.P65warnings.ca.gov

**FOR PROFESSIONAL USE ONLY
KEEP OUT OF REACH OF CHILDREN**

READ ALL DIRECTIONS BEFORE USE.
UNDERSTAND ALL DANGERS WITH THIS
PRODUCT PRIOR TO USE.

**Refer to Safety Data Sheet for additional
health and safety information.**