

# ULTRAhard™

**WerkMaster Chemicals Inc.**

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## DESCRIPTION

UltraHard reacts chemically with soft free lime and calcium carbonate in concrete to form a dense, chemical resistant hard surface that is insoluble.

## INTENDED USE

- Concrete Cure
- Chemical Hardener
- Dustproofing

## PRODUCT FEATURES

- Chemical Change of free lime and calcium carbonate
- Residue free
- Fast curing
- Low odour

## PHYSICAL PROPERTIES

- Flash Point ..... None
- Viscosity ..... Water-Like
- Colour ..... Clear
- Type of Solids ..... Sodium Silicate

## LIMITATIONS OF USE

For industrial/professional use only.

## ORDERING INFORMATION

Call WerkMaster toll free:  
1.866.373.WERK

## SURFACE PREPARATION

**Existing Concrete:** Surface must be clean and sound. Remove any loose concrete and fill cracks/holes. Deteriorated concrete must be repaired. To aid penetration surface must be free from all residue including oil, wax, sealers and/or contaminants.

**New Concrete:** Allow surface water glaze to dissipate.

**Note:** If new concrete is super saturated due to lack of ventilation UltraHard may sit on the surface as a jellified silicate residue. This slippery residue should be washed off with water and squeegee while still wet, then UltraHard reapplied when the floor is completely dry.

## MIXING INSTRUCTIONS

No mixing required.

## APPLICATION INSTRUCTIONS

**Existing Concrete:** Apply two even coats of UltraHard at a rate of 300ft<sup>2</sup>/gallon (7.5m<sup>2</sup>/L) per coat.

**New Concrete:** Apply UltraHard as a 'cure' coat at a rate of 300ft<sup>2</sup>/gallon (7.5m<sup>2</sup>/L). Apply a second coat in the opposite direction at the same rate removing any puddling with a squeegee or cloth.

**Cure:** Allow at least 4 hours between coats.

## STORAGE

Containers must be sealed. Store in a cool dry place above 40°F (4°C) away from water, heat and open flames. Provide for adequate ventilation. Shelf life is two years if unopened and correctly stored. Properly label and seal all containers.

## COMPLIANCES

VOC Less than 25gm/L

## CHEMICAL RESISTANCE

This is not a sealer, it will not prevent oil and other contaminants from penetrating the surface. For protection against staining agents use UltraGuard or UltraSeal.

## PRECAUTIONS

Please refer to the appropriate material safety data sheet (MSDS) prior to using this product.

For technical assistance, please call 1-866-373-WERK  
FOR INDUSTRIAL/PROFESSIONAL USE ONLY

DO NOT freeze. Wear goggles when handling. UltraHard will etch painted surfaces, metal and glass. Use water to immediately remove any overspray from glass, metal or other surface that may be exposed. Dispose of according to law and local regulations.

**WARRANTY**

WerkMaster Chemicals Inc. will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.

**DISCLAIMER**

All information on this data sheet is based on laboratory testing and is not intended for design purposes. WerkMaster Chemicals Inc. makes no representations or warranties of any kind concerning this data.

*Taking it to the Wall!*