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DATA SHEET

CHEMCOATZ

Cures, Seals, Hardens, Dustproofs

CHEMCOATZ chemically reacts with soft free lime and calcium carbonate compounds in concrete forming dense, insoluble, chemically resistant flint-like surfaces. **CHEMCOATZ** is a VOC-compliant, colourless solution of a carefully controlled concentration of 100% active sodium silicate chemicals with a non-acid penetrant. **CHEMCOATZ** may be applied as a concrete cure as well as a chemical hardener and dustproof.

Basic Use: **CHEMCOATZ** is recommended for industrial plants and warehouses such as textile mills, automotive, truck and farm machinery plants, truck and bus terminals, and laundries, as well as, in food processing plants such as meat packs, canning factories, breweries, and bakeries. It is also appropriate for areas with frequent foot traffic such as civic centres, sports arenas, stadiums and other commercial buildings.

FEATURES & BENEFITS

Complete chemical change of free lime and calcium carbonate compounds to flint-like wear-resistant materials.

Residue-free surface allows proper bond of varied paints, adhesives or toppings.

Low odour:

Fast curing.

ESTIMATING

CHEMCOATZ is available in 5L, 20L, 200L and 1000L containers. Containers are identified with product name and batch number.

Typical Application Rate: 7.5 m²/litre

TECHNICAL DATA

Applicable Standards:

Fed. Spec. CEGS 033004-79,

Dept. of Navy,

Veterans Administration, GSA

ACI 302, Class 1 through 4 Concrete Floors USDA approved

VOC compliant

Cures, Seals, Hardens, Dustproofs, Resists Rubber Migration. Formulated for Internal and External Applications, all for the cost of the Supply and Application of normal Curing Aids

Typical Properties:

Flash Point:	None
Viscosity:	Water-like
Color:	Clear
Type Solids VOC, gm/1:	Sodium Silicate
	0

INSTALLATION

Surface Preparation:

Old Concrete: Surfaces must be strictly sound and clean. All residue, oil, sealers, waxes, contaminants and laitance must be removed from surfaces for maximum penetration. Remove unsound concrete and fill holes, cracks and deteriorated areas. Apply a uniform coat at the rate of 7.5 m²/litre.

New Concrete: Apply coat uniformly as a cure after surface water glaze is gone, at the rate of 7.5 m²/litre. Fresh concrete placed in enclosed areas without adequate ventilation will hold water in concrete causing a super saturated condition. **CHEMCOATZ**, applied in such conditions, may build on surfaces creating a very slippery jelly-like silicate residue. Flush with water and squeegee off residue before it dries.

FOR BEST RESULTS:

Apply when concrete temperatures are 4 °C and rising. Apply to oil-free and thoroughly cleaned, sound concrete surfaces.

CHEMCOATZ is intended for use as a supplemental treatment and is not a substitute for good concrete or good concreting practices.

Provide adequate ventilation in enclosed areas to facilitate proper drying. Do not puddle.

PRECAUTIONS

Do not freeze. **CHEMCOATZ** will etch glass and painted surfaces. Wear goggles. Immediately wash off with water all over spray from glass, metal surfaces and other materials which may be damaged.

STORAGE/SHELF LIFE

CHEMCOATZ containers are to be sealed and stored in a cool, dry place above 4 °C. Shelf life is two years in unopened containers when properly stored.