

**TECHNICAL DATA SHEET**

**SKIDGUARD**

**SKIDGUARD** is a thin build, single-package, water dispersed, reactive, synthetic polymer resin. **SKIDGUARD** is an extreme duty, industrial surfacing, designed to be applied as a slide protecting top coat over surfaces requiring skid resistance. **SKIDGUARD** forms a durable, hard, fully-adhered, aggregate filled coating. Standard colors available in white, gray or black.

**Available in 5 and 55 gallon containers and bulk.**

**ADVANTAGES:**

- Single package – no limiting pot life factor.
- Tenacious adhesion after proper installation and curing.
- Rapid curing at modest temperatures leaves a traffic bearing surface in as few as two hours. Fully cures in 12 hours above 55° F and dry.
- Resistant to scuffs, bacteria, algae and industrial pollutants.
- Low-volatile organic compound (VOC), air quality compliant throughout the United States under all present and pending air quality legislation governing industrial coatings.
- Odor-friendly. Asbestos-free. Formulated to minimize applicator and building occupant impact. Indoor application potential.
- Non-hazardous in cured form; therefore, may be disposed of into any municipal landfill.
- May be spray, roller or squeegee applied. Consult CSI or distributor for spray equipment specification.

**USES:**

- **SKIDGUARD** is designed to be used as a wearing surface near building entries with inclined or smooth walkways that can become slick when dust or moisture is present.
- Shop floors that have lubricant spills posing a slip hazard.
- Steel Road Plate coverings for vehicular traffic.
- Large traffic stripe markings.
- Footpaths on built-up roofs.
- Decks around pools and spas.

**STORAGE AND HANDLING:**

- **Keep out of reach of children.**
- **Do not allow to freeze prior application.**
- Do not thin or mix with any other products.
- Do not store near heat or open flame.
- Avoid prolonged skin contact and breathing of vapor.
- Keep containers tightly sealed when not in use.
- Do not take internally. Do not induce vomiting if swallowed--call a physician immediately.
- Store, handle and dispose per MSDS requirements.

**APPLICATION:**

**SKIDGUARD** may be applied at or between 50° F and 100° F. Coating must have a minimum curing window of 8 hours before temperature drops below 50°F. Apply over a clean, dry surface, free of unsound materials and/or contaminants that would inhibit bonding. **Do not allow to freeze prior to full cure.**

Prior to application over existing roof surfaces, repair all large splits, holes and/or ruptured blisters wherein the underlying plies have fractured or have been cut during repair by three coursing with CSI's **InfraSeal** and 777-Polyester scrim; then allow to cure.

Moisture can be present in surfaces like concrete for several days so allow 3-4 days after rain or sprinkler depositing before application. Also, it is advisable to apply material on concrete surfaces in no more than two thin applications so the concrete may breathe.

On metal surfaces, reduce to a minimum rust, cutting lubricants or oxidation before application. Any cleaning agents must be thoroughly flushed to eliminate any residues.

To assure homogeneity, stir **SKIDGUARD** slowly and well before use. Some aggregate may settle during shipment but should easily disperse with a manual dowel or hand mixer. Avoid trapping excessive air in mixture to minimize pinholing. Apply as follows:

**Over concrete or other pourous surfaces:**

Roll or spray an even coat at a rate of 1-1.8 gallons per 100 square feet. A second application of 1 gallon or less per 100 square feet may follow once the first application is dry to the touch.

**Over metal or non-pourous surfaces:**

If heavy aggregate type is used, material that is roll applied with a tight nap roller should be applied as a single pass. Multiple passes may displace the aggregate producing an irregular pattern. Spray apply either by overlapping pattern or perpendicular fashion. Typical spread rates of each application will be between 1 and 1.25 gallons per 100 square feet. Two coat applications recommended.

**Clean implements, including hoses, with cool water immediately after use. SkidGuard may crosslink if left standing in sun exposed black spray hoses.**

Call CSI for sales and technical assistance: (916) 387-0316

**TRANSPORTATION:**

DOT: Not regulated

**SHIPPING INFORMATION:**

CONTAINER SIZE	UNITS PER PALLET	CUBIC FT PER PALLET	WEIGHT PER PALLET	PALLETS PER 48' TRAILER
5 Gallon Pails	48	57	3000	18
55 Gallon Drums	4	58	2800	18

**PHYSICAL PROPERTIES:**

Tensile Strength - Elongation	> 100 psi - 40%	ASTM D-2370
Water Absorption	< 1%	ASTM D-570
Weight per gallon	11-12.5 lb / gal	ASTM D-1475
Cured Film thickness per gallon	~ 10.5 mils (non-aggregate filled)	ASTM C-836
VOC	< 15 grams/liter	BAAQMD Vol 3 Lab 22