SURTEC, Inc. *Surface Technology*

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HDI IMPREGNATING SEALER
PS-618
STONE FLOOR AND MASONRY PENETRATING SEALER

DESCRIPTION - HDI Impregnating Seal is a waterborne non-film forming, penetrating sealer that creates a transparent protective barrier against oil and water on porous mineral surfaces. HDI an excellent repellant for use on porous stone, unglazed ceramic tile, grout, marble, concrete and cementitious terrazzo. HDI preserves the natural appearance and slip resistance of the surface while providing oil and water repellency, stain resistance and easy cleanup.

PREPARATION - Surface must be clean, dry and free of all coatings, waxes, curing compounds or other contaminants or foreign material before HDI is applied.

Sweep or dust mop the surface as necessary, then thoroughly scrub the surface with an appropriate dilution of SURTEC HC-150 heavy duty cleaner, SURTEC SC-210 heavy duty cleaner/degreaser or other cleaner or stripper as recommended by a SURTEC Technical Representative. Scrub the floor using a standard speed floor buffer equipped with green scrub or black strip pads or scrub brushes for surfaces with grout lines or uneven texture. For "soft" or polished stone floors, e.g. limestone, polished or honed marble, etc., use non-abrasive nylon brushes or white pads so that surface is not scratched.

After the floor is scrubbed, thoroughly pick up the cleaning solution with a wet vacuum to insure that surface and pores within the stone, masonry or concrete are free of residue. Rinse thoroughly with large amounts of clean, warm water, vacuum again, then tight mop with fresh, clean, warm water. Allow the floor to dry completely before application.

APPLICATION - Using a mop or microfiber pad, apply HDI to the surface working only as large an area that can be kept wet during for 5 to 10 minutes (roughly 50 to 100 square foot area). While keeping the area wet, work the HDI into the stone, tile or grout lines thoroughly with the mop or applicator. For very porous substrates, wet-on-wet application is appropriate. For best results, HDI should be applied to saturation, i.e, the substrate remains damp on the surface and no further material penetrates.

After 5 to 10 minutes of dwell time, mop up all excess sealer or absorb with a micro-fiber pad. Avoid using vacuums as these may extract sealer from the pores of the substrate. The surface may be damp-mopped with a very dilute solution of SURTEC HC-150 (1/2 ounce per gallon) to remove any residue. For best results, allow 24 hours of cure time for property development before opening up to traffic or exposing to water. HDI may be reapplied if necessary.

MAINTENANCE - HDI will make the surface easier to maintain so use of heavy duty concentrated cleaners, harsh scrubbing and power washing under high pressure can be avoided. Avoid the use of high alkaline strippers as routine cleaners as they may damage or remove HDI. Since HDI is not a topical sealer, use of acidic cleaners must be avoided to prevent damage to the substrate. Maintenance needs may vary, therefore, consult your SURTEC Technical Representative for more specific maintenance instructions.

HDI (continued):

SPECIFICATIONS:

COLOR:	Light amber, slightly hazy
ODOR:	Mild
FLASH POINT:	None (C.O.C. Method)
CURE TIME (at 68° F., 50% RH):	24 to 48 hours
V.O.C. CONTENT:	28 g/l
HMIS RATING:	Health = 1 Flammability = 0 Physical Hazard = 0
POLYMER TYPE:	Proprietary Fluorochemical Resin
SPECIFIC GRAVITY / DENSITY:	1.01 / 8.4 pounds per gallon
COVERAGES (approximate):	
Non-porous ceramic tile and grout	400 to 800 square feet per gallon
Concrete, terrazzo, ceramic or stone tile (smooth)	300 to 500 square feet per gallon
Concrete, flame-cut granite, stone tile (rough)	100 to 300 square feet per gallon
Polished marble, granite	400 to 600 square feet per gallon
PACKAGE SIZES:	4 x 1 gallon jugs
....	5 gallon pails
....	55 gallon drums