

## Source Report: Adhesives

### NexStep 2300 Ultra Green Plus Tile Adhesive

NexStep 2300 Ultra Green Plus is an aggressive, high solids, releasable pressure sensitive adhesive. It is packaged in a 75% post industrial resin (recycled) pail, meets the CRI Green Label Plus requirements for low emitting materials and passes California SCAQMD Rule #1168 low VOC criteria. NexStep 2300 Ultra Green Plus qualifies for, or contributes to, 1 LEED Point, under Adhesives and Sealants, LEED Credit 4.1 EQ.

NexStep 2300 Ultra Green Plus is specially engineered for installations of Bentley Prince Street's NexStep Cushion backed tiles and roll goods where grid or total glue down installation is recommended. This premium adhesive is formulated to facilitate release and re-bonding of carpet tiles while permanently retaining its tack, allowing individual tiles to be lifted out and replaced without substantial loss of adhesive properties – for the life of the installation.

#### TECHNICAL DATA

Please read all warnings and follow all directions on the product container.

#### Suitable Substrates

Properly prepared concrete, recommended wood floors, metal, terrazzo, ceramic marble slate, and resilient floor coverings.

#### Sub-floor Preparation

Sub-floor should be carefully inspected to assure that proper bonding of the carpet to the floor can be achieved. Proper adhesion requires that the surface be clean, dry, and free from dust paint, old floor finishes, or any foreign material.

#### Conditioning

It is important that all materials to be used in the installation be preconditioned at a temperature between 65°F and 95°F and with relative humidity readings between 10% and 65%.

#### Application and Coverage

For tile installations, use a 6" or 8" paint roller (approximate coverage is 360-405 ft<sup>2</sup>/gallon) and apply in a full spread fashion, taking care to coat all surfaces. Coverage will vary according to the sub-floor type and application method.

Once spread, allow adhesive to dry for 45-60 minutes or until surface becomes tacky to touch. As drying takes place, the adhesive will become transparent. Drying speed will vary according to temperature and porosity of the sub-floor, temperature of the air and components, relative humidity as well as dryness of the floor and thickness of the application. If the carpet tiles are installed with the adhesive in the wet state, or before sufficient drying has occurred, important release and re-bonding properties will be affected. Carpet tiles may be installed at any time after spread adhesive becomes tacky.

#### Intersept® Antimicrobial

Permanently incorporated into the adhesive and protects the product against the growth of a broad spectrum of molds, mildews, bacteria and odor causing microorganisms.

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### NexStep 2300 – Material Safety Data Sheet

#### Manufactured for:

Bentley Prince Street  
14641 East Don Julian Road  
City of Industry, California 91746  
800.423.4709

#### 24-hour Emergency:

Chemtrec: 800.424.9300

#### HMIS:

Health: 1  
Reactivity: 0  
Flammability: 0  
Pers. Prot. Equip.: B

#### Product Identification:

Product Class: Acrylic Adhesive  
Product Name: Pressure Sensitive Adhesive  
Trade Name and Number:  
Healthbond 2300

#### Hazardous Ingredients:

None

#### Physical Data:

Boiling Point: 212°F  
Vapor Density: Same as water  
Evaporation Rate: Same as water  
Appearance: Gray viscous liquid, mild odor  
Specific Gravity: 1.05  
Percent Volatile by Volume:  
40%(water)  
Solubility in Water: Dispersible  
VOC (calculated): "0"grams/liter

#### Fire and Explosion Hazard Data:

Flammable Limits: No Flashing  
Flash Point: >212°F  
Flammability Classification:  
OSHA:None, DOT: None  
Extinguishing Media:CO2, Chemical Foam,  
water fog.  
Special Fire Fighting Features:  
Wear self contained  
breathing gear when in  
confined area. Wear  
protective clothing.

#### Health Hazard Date:

Threshold Limit Value:  
None  
Effects of Overexposure:  
None

#### Emergency & First Aid Procedures:

Keep out of eyes. Flush with water for 10-15 minutes. If irritation persists, consult a physician. May cause slight irritation of the skin. Wash with soap and water. If swallowed, consult a physician. In case of over-exposure, move to fresh air. If breathing is difficult, give oxygen and get medical attention.

#### Reactivity Data:

Conditions to avoid: Excessive heat or cold.  
Stability: Stable.  
Incompatibility: None known.  
Hazardous Decomposition Products:  
Normal (CO<sub>2</sub>, CO)

#### Hazardous Polymerization:

Will not occur

#### Spill or Leak Procedures:

Ventilation: Local ventilation.  
Protective Gloves: Recommended  
Eye Protection: Recommended  
Hygienic Practices: Wash with soap and water after exposure.

#### Respiratory Protection:

Not required.  
Other Protective Equipment:  
Wear self contained  
breathing gear when in  
confined area.  
Special Precautions/Other Comments:  
Precautions to be taken in handling  
and storing:: Store inside at a  
temperature of 60°F to  
100°F or higher. Do not  
allow product to freeze.  
Other Precautions: None

#### Transportation Data:

DOT Hazard Class: Unregulated