U-TINT

PRODUCT DESCRIPTION

SIMIRON U-TINT is a line of universal pigment packs. They are 100% solids, zero VOC and designed to easily mix into Simiron urethane and polyaspartic coatings. U-Tints can also be used to color epoxies and polyurea coatings.

Simiron **U-Tint** packs exhibit excellent color consistency and stability for in-field tinting and application, which allows greater flexibility for applicators. They are available in a convenient pint-sized can, allowing for the tinting of multiple sizes of resin.

FEATURES & BENEFITS

- Excellent color stability
- 7 Color Options
- Low Viscosity
- Easy-to-mix
- In-field Tinting
- Excellent hiding properties

RECOMMENDED USES

- Simthane HWU
- Simthane ESD
- Polyaspartic HS
- 1000HS — 100% Solids Epoxy Primer
- 1100SL — 100% Solids Epoxy
- 1150FC — Hybrid Polyurea-Epoxy
- MVB — Moisture Vapor Barrier

PRODUCT INFORMATION

PRODUCT NAME	SIZE	ITEM NUMBER
U-Tint-Pack – Light Gray	16oz	40009205
U-Tint-Pack – Haze Gray	16oz	40009212
U-Tint-Pack – Deck Gray	16oz	40009229
U-Tint-Pack – Black	16oz	40009335
U-Tint-Pack – Sandstone	16oz	40009236
U-Tint-Pack – White	16oz	40009328
U-Tint-Pack – Tile Red	16oz	40009342

TECHNICAL DATA

PHYSICAL DATA	
Mix Ratio	1 pint per gallon Simthane HWU and ESD. 1 pint per 2 gallons Polyaspartic HS. 1 pint per 1.5 gallons Polyurea Basecoat Neutral. 1 pint per 1, 1.5, and 3 gallon units of epoxy (for epoxy only, hide can be improved by doubling up on U-Tint; 2 pints White and Sandstone per 3-gallon kit).
Solids by Volume	100%
Solids by Weight	100%
Viscosity	Varies - all colors are pourable
VOC (EPA Method 24)	0 VOC

SURFACE PREPARATION

Concrete and coated concrete surfaces must be sound, clean, dry and free of contaminants such as dirt, dust, grease, oil, silicones and other contaminants that may negatively affect adhesion.

MOISTURE VAPOR BARRIER:
A suitable moisture barrier must be in place for concrete slabs on-grade. If a moisture barrier is not in place, seasonal variations in ground moisture can cause excessive moisture vapor transmission (MVT) regardless of results measured prior to coating application. MVT rate must not exceed three pounds per 1,000 square feet per 24 hours, as directed by ASTM F1869. The relative humidity (RH) of the slab must not exceed 75%, as directed by ASTM F2170. If there is a moisture situation in excess of the above rate, the use of **Simiron MVB** Moisture Vapor Barrier Primer may be required. Consult a Simiron Representative for details and application procedures.

NEW/BARE CONCRETE:
Diamond grind or shotblast to a CSP 3 or greater surface profile, depending on total thickness of system. Refer to SSPC-SP13/NACE 6 or ICRI Technical Guideline No. 310.2.

New concrete must be cured a minimum of 28 days and should meet moisture vapor transmission (MVT) and relative humidity (RH) thresholds as described in Surface Preparation section.

PREVIOUSLY COATED SURFACES:
Clean surface to prevent any contaminants from being spread/redistributed to a greater area being prepared. Grind previous coatings to completely remove and prepare the surface described above.

SAFETY AND TECHNICAL

Refer to the SDS sheet before use. Safety precautions must be strictly followed during storage, handling, and use. Personal Protective Equipment (PPE) should be worn at all times. PPE will include (but is not limited to): Safety glasses with side shields and high-quality nitrile gloves. To acquire additional information or technical and safety data, please visit: www.simiron.com.

TEMPERATURE

Air	35° – 85°F	1.6° – 29°C
Surface	35° – 85°F	1.6° – 29°C
Material	60° – 85°F	16° – 29°C

**Temperature range is dependent on the specific product being tinted. Higher temperatures and humidity will shorten pot-life and working time. Cold material that appears to be solid may liquify after bringing the contents of the can to room temperature.*

APPLICATION EQUIPMENT

1. Prior to use determine the correct tint pack size depending on volume of material being mixed. Add 1 pint per 1-gallon kit Simthane HWU and ESD. Add 1 pint per 2-gallon kit Polyaspartic HS. Add 1 pint per 1.5-gallon kit Polyurea Basecoat Neutral. Add 1 pint per 1, 1.5, and 3-gallon kits epoxy (2 pints White and Sandstone can be added to 3 gallons).
2. Pre-mix the tint pack to ensure there is no hard settling prior to use.
3. Add entire tint pack to the urethane part B, fully mixed Simthane ESD, polyaspartic, polyurea, or epoxy Base. Mix for 1-2 minutes until color is consistent.
4. Add the remaining parts to the premix and mix per the corresponding product instructions.
5. Apply topcoats, primers, or build coats per the instructions in specific product documentation.

APPLICATION EQUIPMENT

Assemble all equipment. Equipment will include (but is not limited to):

- Drill and Jiffy® type mixing blade
- Notched EPDM squeegee
- Spiked shoes
- 3/8" nap, shed-resistant woven roller covers with phenolic core.
- Chip brushes for edge work.
- Painter's/duct tape

CLEAN UP & DISPOSAL

Clean up mixing and application equipment immediately after use. Use toluene, acetone or xylene; do not use alcohol. Follow solvent manufacturer's safety instructions. Be sure to follow all local, state and federal regulations when disposing of materials.

MAINTENANCE

To maintain the appearance and extend the life of the newly sealed surface, it is imperative to have a routine maintenance program. Dirt and debris that is tracked over a finished floor will quickly scratch and dull the surface. Place walk-off mats at entrances. Sweep and mop/scrub floors regularly using soft bristles/pads and a mild cleaner. Some cleaning products and equipment or improper use of these can damage a surface. Remove spills quickly to minimize damage and/or stains. For systems that support parked vehicles or other heavy items on rubber wheels, place a small piece of nonporous material, such as sheet metal or plexiglass between the tires and floor to prevent tire marks. Reapplication may be necessary in heavy traffic areas.

LIMITATIONS

- Do not add more or less tint than recommended.
- Do not add tint into prepigmented materials (call for guidance) or systems not recommended.
- Verify tint effect (color, hide) before coating entire space.
- Do not apply at a temperature not covered in the product PDS being tinted.
- Do not delay in applying mixed material onto the floor.
- Do not make partial mixes.
- Do not apply over loose or unsound concrete, asphalt or bitumen substrates, glazed tile or nonporous brick and tile, magnesite, copper, metal, polyesters, or elastomeric membranes.
- Moving joints and shrinkage cracks may reflect through system. Joints that are designed to move may reflect through the finished flooring system if they are not honored.
- Tire marking may occur.

SHELF LIFE AND STORAGE

12 months from date of manufacture when stored indoors in the original unopened container at 60°F – 85°F (16°C – 29°C) in a dry location with humidity below 65%.

- Do not allow materials to freeze.
- Cold material that appears to be solid may liquify after bringing the contents of the can to room temperature.

TECHNICAL ASSISTANCE

Information is available by calling SIMIRON
Toll Free: **1.866.515.8775 / +1.248.686.3600**

LIMITED WARRANTY

SIMIRON warrants this product to be free from defect in the material that affects its performance for a period of one year (from date of purchase). SIMIRON will replace at no charge the quantity of the Coating that SIMIRON determines has failed to perform, as the sole and exclusive remedy for any breach of this warranty and/or any other defect or failure of the coating. Proof of purchase is required. Cost of labor for application of any product specifically is excluded. Warranty is void if Simiron products are mixed with or used in conjunction with materials that are substituted for Simiron products. Warranty is nontransferable.

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PRODUCT DATA SHEET: 07/07/2026

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