

TECHNICAL DATA SHEET: TEK GEL™ FOR PROFILING, HD24, TEK GEL™ FOR FLATTOOING™		READ MSDS/WARRANTY STATEMENT BEFORE USE
PRODUCT DATA:		APPLICATION INSTRUCTIONS:
Gelled Acid Formula:	Hydrochloric Acid (HCL) 16-25%	<p>Tek Gel™ for Profiling & HD24-Surface Preparation</p> <p>Pre-Application: Use plastic tarp to prevent unintended etching. Tape off all exposed metals. Provide ventilation fans if necessary. Pre-wetting the surface relieves some heat stress. Remove all standing water.</p> <p style="text-align: center;">Outdoor with drain</p> <ol style="list-style-type: none"> 1. Shake/stir product thoroughly prior to application. 2. Product can be applied using non-metallic/acid resistant tools, i.e., squeegee, roller, brush, lambs wool pad, sprayer, etc. 3. Evenly broadcast product immediately. Do not allow product to sit in a pile on surface. 4. Let stand 5-15 minutes. For deeper profile use HD24 5. Thoroughly remove all expired product with water & flush to sewer. <p style="text-align: center;">Indoor with out drain</p> <ol style="list-style-type: none"> 1. Repeat steps 1-4 above including pre-application steps. 2. Using plastic tools pull expired product into a mass & collect into a pail, add neutralizer to pail. Product can be carried off-site for approved disposal. 3. Neutralize surface & thoroughly clean remaining product from surface using wet vac or mop. <p>Tek Gel™ for Flattooing™ - Decorative Etching Pre-Application: Use plastic tarp to prevent unintended etching. Tape off all exposed metals. Provide ventilation fans if necessary. Surface must be clean, no standing water. Acid stain can be applied prior to applying product.</p> <p style="text-align: center;">Outdoor/Indoor – Flattoo™</p> <ol style="list-style-type: none"> 1. Shake/stir product thoroughly prior to application. 2. Apply Flattoo™ following Mfg. instructions. 3. Apply product to exposed areas of Flattoo™ using a paint brush. For best results and crisp etched detail, avoid breaking the bond of the Flattoo™ to the concrete. 4. Let product stand 5-15 minutes. When Flattooing™ on overlays, a gentle agitation may be necessary. 5. Leave Flattoo™ in place, collect excess gelled acid into a pail & neutralize before discharging to drain. 6. Thoroughly neutralize entire etched area, rinse with water. A second rinsing is recommended. Check Flattoo™ adhesion before proceeding. 7. Leave Flattoo™ in place <i>if</i> accent colorants are to be applied. 8. Surface should be re-cleaned when using acid stains and sealed. <p>Mix colorants to Stain Mule™ The Stain Carrier, color thickener, for color placement control. Call 480-970-4580 for more information.</p> <p>TOP ADVANTAGES: Ready to use – DO NOT DILUTE Opens up steel troweled surfaces Increases bondability of subsequent products Assists in "Claims Reduction" Reduces overhead by reducing sq. ft. costs One-step – Cleans & Profiles – controlled application Can be applied to horizontal, vertical & inverted surfaces Gelled consistency permits longer contact time Gelled consistency allows placement control Low fuming – non-flammable Increases creativity Safer for the environmentally & end-user - NO VOCs Can be used on old or new concrete Easily used on large or small jobs Neutralizes with water Easily contained for off-site disposal when necessary</p>
Color:	Yellow/Red/Opaque	
Odor:	Pungent	
pH:	+/- 1	
Solubility:	Infinite in water	
Flammability:	Non-flammable	
Flash Point:	> 200° C	
Freeze/Thaw:	No effect. Store between 38° - 100° F	
Coverage:	200 – 400 sq. ft. per gallon	
Storage:	Stable under normal conditions. Do not store in direct sunlight. Do not store near or mix with strong alkalis, i.e., sodium or potassium.	
Shelf Life:	1 yr. in properly sealed, shipped & stored containers.	
CAUTION:	Use in well ventilated areas only. HD24 REQUIRES ADDITIONAL VENTILATION.	
Safety Wear:	Ventilator, splash goggles, protective gloves. Avoid excessive direct contact with skin.	
Health Rating:	3 Severe (Corrosive)	
LIMITATIONS/INCOMPATIBILITIES		
<p><i>Caution:</i> Protect all exposed metal surfaces. Products are highly reactive with aluminum, zinc & lead, may create a structural or dimensional instability as well as pitting. Contact on metals may cause damage to metal. Product may cause flash rust on bare metal surfaces. Flush metal immediately with water.</p> <p><i>Avoid oxidizers, caustics, fabrics, carpets, metals & marble.</i> Products are not intended to etch through epoxy/solvent based coatings.</p> <p>Indoor use: Provide adequate ventilation. Humidity will increase product fuming. Excessive heat can cause evolution of gaseous hydrogen chloride. Do not reuse container. Follow all applicable Federal, State & Local chemical disposal regulations.</p>		
KEEP OUT OF REACH OF CHILDREN		
Safety: Danger- contains Hydrochloric Acid (HCL). Can cause skin irritation and/or burns. Wear chemical respirator, protective eyewear, gloves & clothing. Corrosive to eyes. DO NOT TAKE INTERNALLY. Use in well ventilated areas. Avoid breathing vapors. Handle with caution.		
FIRST AID:		
Internal: Drink copious amounts of water. Do not induce vomiting. Seek immediate medical attention.		
External: Wash skin with soap and rinse with water.		
Eyes: Flush with water for 15 minutes. Seek immediate medical attention. If overcome by vapors, move to fresh air immediately.		
SHIPPING:		
DOT:UN3264 Corrosive Liquid, Acidic, Inorganic, N.O.S., (Hydrochloric Acid), 8, PG II, Pkg. Inst. 812 NMFC: 44155-1 Class 85 Weight per Gallon: 10 lbs. Packaging: 1 gallon, 5 gallon tighthead, 30 gallon drum		
 <p>663 W. 2nd Ave. #15 Mesa, AZ 85210 480-970-4580 480-421-6322 (fax)</p> <p>www.surfacegeltek.com info@surfacegeltek.com</p> <p>SDVO SB/WOSB GSA # GS-21F-0001V</p>		
DISTRIBUTED BY:		