



MANUFACTURER & MARKETER OF GELLED TECHNOLOGY  
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 480-970-4580 – 480-421-6322 (fax)

## MATERIAL SAFETY DATA SHEET AND WARRANTY

### Section I: Identification

HEALTH 3
FLAMMABILITY 0
REACTIVITY 0
PROTECTION H

Product Name:		<b>Tek Gel™ for Profiling, HD24, Tek Gel™ for Flattooing™ Concrete Surface Preparation and Decorative Treatment</b>			
Color Name:		<b>Colored/Opaque Gel</b>			
Chemical Name:		<b>Hydrochloric Acid</b>			
Chemical Family:		<b>Mineral Acid</b>			
Chemical Formula:		<b>HCL Mixture</b>			
Emergency Telephone Numbers:		Chemtrec:	<b>US &amp; Canada: 800-424-9300 International: 703-527-3887</b>		
Company Telephone Number:		Surface Gel Tek:	<b>480-970-4580</b>		

Section II:	<b>Hazardous Ingredients</b>	Composition	Weight	OSHA TWA	ACGIH TLV	CAS No.	Other Limits Recommended	
		<b>Hydrochloric Acid (Hydrogen Chloride)</b>	<b>16-25%</b>	<b>5 ppm</b>	<b>5 ppm (air)</b>	<b>7647-01-0</b>	<b>IDLH 100 ppm</b>	
DOT: <b>UN3264, Corrosive Liquid, Acidic, Inorganic, N.O.S. (Hydrochloric acid), Class 8, PG II, Packing Instruction 855</b>								
NMFC: <b>44155-1 Class 85</b>								
Section III:	<b>Physical and Chemical Characteristics</b>	Boiling Point:	<b>Will not boil, simply degrades</b>			Specific Gravity (H <sub>2</sub> O-1):	<b>1.2</b>	
		Vapor Pressure (mm Hg.):	<b>4 ATM @ 17.8 C</b>			Melting Point:	<b>NA</b>	
		Vapor Density (AIR-1): (Hydrogen Chloride)	<b>1.26</b>		Evaporation Rate (Butyl Acetate-1):	<b>NA</b>		
		Solubility in Water;	<b>Complete</b>		Appearance and Odor:	<b>Colored/Opaque Gel Irritating, pungent odor</b>		
Section IV:	<b>Fire and Explosion Hazard Data</b>	Flash Point:	<b>Greater than 200° C</b>		Flammable Limits:	<b>NA</b>		
		Extinguishing Media:	<b>Dry Chemical, CO<sub>2</sub></b>		Special Fire Fighting Procedures:	<b>None</b>		
		Unusual Fire and Explosion Hazards:	<b>Under disaster conditions, HCL will react with water or steam to produce toxic and corrosive (Chloride) fumes.</b>					
Section V:	<b>Reactivity Data</b>	Stability:	<b>Stable</b>	Conditions to avoid:	<b>Poor ventilation, contamination/alkali or active metals</b>			
		Incompatibility Materials to Avoid:	<b>Strong oxidizers, caustics, fabrics, carpet, contact with metals &amp; marble</b>					
		Hazardous Decomposition or Byproducts:	<b>None</b>	Hazardous Polymerization:	<b>Will not occur</b>			
Section VI:	<b>Health Hazard Data</b>	Routes of Entry:	Inhalation?	<b>Possible</b>	Skin?	<b>Possible</b>	Ingestion?	
		Health Hazards (Acute/Chronic)	<b>Burning of mucous membranes on contact. May burn Skin. Coughing/choking if acid fumes are inhaled.</b>				Carcinogenicity:	<b>None</b>
		Signs and Symptoms of Exposure:	<b>Burning sensation from exposed areas</b>					
		Medical Conditions Generally Aggravated by Exposure:	<b>Respiratory distress possible in poorly ventilated area</b>					
Section VII:	<b>Precautions for Safe Handling and Use</b>	Accidental Release or Spill:	<b>Flush to sewer with large amounts of water</b>					
		Waste Disposal Method:	<b>Normally-dilution with water and discharge to sewer will be satisfactory. Follow all Local, State, Federal chemical disposal regulations</b>					
		Precautions to take in Handling/Storage:	<b>Avoid rupturing of containers, do not store in areas subject to high temperatures. Store out of direct sunlight</b>					
		Other Precautions:	<b>Use with Care. KEEP OUT OF REACH OF CHILDREN</b>					
Section VIII:	<b>Control Measures</b>	Respiratory Protection:	<b>Half-face respirator with acid mist cartridge if used in poorly ventilated area</b>					
		Ventilation:	<b>Local exhaust required if used in confined area</b>					
		Protective Gloves:	<b>Yes-PVC or Neoprene</b>		Eye Protection:	<b>Yes-Chemical splash goggles</b>		
		Other Protective Clothing or Equipment:	<b>Long sleeve shirt/pants or other protective clothing</b>		Work/Hygienic Practices:	<b>Use appropriate amounts Avoid physical contact</b>		

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#### Warranty

Since no control is exercised over product use, Surface Gel Tek, LLC represents and warrants only that its products are of consistent quality within manufacturing tolerances. NO OTHER ORAL OR WRITTEN REPRESENTATION OR STATEMENT OF ANY KIND, EXPRESS OR IMPLIED, NOW OR HEREAFTER MADE, IS AUTHORIZED OR WARRANTED BY SURFACE GEL TEK, LLC, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Liability for breach of contract, negligence, or on any other legal basis is limited to the lesser of refund or replacement of defective materials. SURFACE GEL TEK, LLC WILL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING DELAYS OR LOST PROFITS. Communications of the warranty and its limitations to end-users is not the responsibility of Surface Gel Tek, LLC, but should be communicated by those in direct contact with the end-user. Any claim regarding product defect must be received in writing within one year from the date of manufacture. No claim will be considered without such written notice or after the specified time interval. The end-user shall determine the suitability of the product for the intended use and assumes all risks and liability in connection therewith.