

# TECHNICAL PRODUCT DATA

## TILESEAL FLOOR SEALER

Tileseal is an emulsion sealer designed as a pre-treatment for all types of floors not harmed by water. This would include terrazzo, asphalt tile, vinyl asbestos, vinyl, linoleum, etc.

After floor is completely stripped and clean, a coating of Tileseal will seal floor and be highly resistant to soap, water, grease and alkali. Other United floor treatments, including polymers or waxes, will then give optimum results. When floor is stripped again, only the top coating is removed, leaving the Tileseal as a protective base which will prolong the life of the floor.

When re-coating, less coats of finish or wax will be required as the floor remains sealed and excessive coats are not necessary to fill pores.

Therefore, Tileseal has three major benefits in floor care:

1. Prolongs life of floor.
2. Reduces consumption of regular floor finishes or waxes.
3. Reduces man-hours necessary to strip floor and re-coat.

### Specifications:

Type	Anionic Emulsion
Solids	15% minimum
pH	8.8 - 9.2
Film Characteristics	Clear, tough, highly resistant to water, alkali, grease, etc.
Stability	Completely stable at ordinary temperatures (Do not freeze)

### Directions for Use:

1. Clean floor thoroughly with United Wax Stripper making sure all previous wax or floor finish is completely removed.
2. Rinse well, let dry.
3. Apply one coat Tileseal exactly as applying a regular finish.
4. Let dry--floor will then be sealed and ready for floor finish or wax.

### Packaging:

55 gallon drums  
30 gallon drums  
5 gallon drums  
1 gallon cans

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I			
MANUFACTURER'S NAME <b>Harley Chemicals Div., Concord Chemical Co., Inc.</b>		EMERGENCY TELEPHONE NO. <b>609-966-1526</b>	
ADDRESS (Number, Street, City, State, and ZIP Code) <b>17th &amp; Federal Streets, Camden, NJ 08105</b>			
CHEMICAL NAME AND SYNONYMS <b>N/A</b>		TRADE NAME AND SYNONYMS <b>Titeseal Floor Sealer</b>	
CHEMICAL FAMILY <b>Aqueous Acrylic Emulsion</b>	FORMULA <b>N/A</b>		

SECTION II - HAZARDOUS INGREDIENTS					
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Ethylene Glycol				2.9	
Formaldehyde				0.4	2ppm
Ammonia				0.4	50ppm

SECTION III - PHYSICAL DATA			
BOILING POINT (°F.)	212	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.03
VAPOR PRESSURE (mm Hg.)	like water	PERCENT, VOLATILE BY VOLUME (%)	85
VAPOR DENSITY (AIR=1)	like water	EVAPORATION RATE (_____ =1)	1
SOLUBILITY IN WATER	Dilutable		
APPEARANCE AND ODOR	Milky white liquid, mild ammonia odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used)	None	FLAMMABLE LIMITS	Let      Uel
		Non-flammable	
EXTINGUISHING MEDIA	N/A		
SPECIAL FIRE FIGHTING PROCEDURES	N/A		
UNUSUAL FIRE AND EXPLOSION HAZARDS	N/A		

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	
EFFECTS OF OVEREXPOSURE Ammonia & formaldehyde can cause irritation or discomfort to eyes & nasal mucosa.	
No other hazardous effects expected.	
EMERGENCY AND FIRST AID PROCEDURES	
Inhalation: Move subject to fresh air.	
Skin contact: Wash with soap & water.	
Eye contact: Flush with copious amount of water for 15 min. & consult a physician.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Dike & absorb spill with inert material (sand, vermiculite, etc.) & transfer to containers for discard. Remove saturated clothing & wash affected skin areas with soap & water. Floor may be slippery - use care to avoid falls.	
WASTE DISPOSAL METHOD	
• Landfill according to federal, state & local regulations.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
None required if ventilation is adequate		
VENTILATION	LOCAL EXHAUST	SPECIAL below TLV
	To keep formaldehyde & ammonia vapors	
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	Impervious gloves	EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT		Chemical splash goggles

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
OTHER PRECAUTIONS	