

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME HILLYARD CHEMICAL COMPANY		EMERGENCY TELEPHONE NO. A.C. 816-233-1321
ADDRESS (Number, Street, City State and ZIP Code) 302 North 4th Street, St. Joseph, MO 64502		
CHEMICAL NAME AND SYNONYMS N/A	TRADE NAME AND SYNONYMS Hil-Tex II	
CHEMICAL FAMILY floor sealer	FORMULA N/A	

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)
Formaldehyde			CAS: 50-00-0	.05-.10	3 ppm
Ammonia			CAS: 1336-21-6	.02-.05	50 ppm

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	> 210°F.	SPECIFIC GRAVITY (H ₂ O=1)	1.021
VAPOR PRESSURE (mm Hg.)	no data	PERCENT VOLATILE BY VOLUME (%)	84-85
VAPOR DENSITY (AIR=1)	no data	EVAPORATION RATE (<u>water</u> =1)	> 1
SOLUBILITY IN WATER	complete		
APPEARANCE AND ODOR	white liquid; non-objectionable odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) none to boiling (TOC)	FLAMMABLE LIMITS none	LEL	UEL
EXTINGUISHING MEDIA water			
SPECIAL FIRE FIGHTING PROCEDURES none			
UNUSUAL FIRE AND EXPLOSION HAZARDS none			

(Continued on reverse side)

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

see Section II

EFFECTS OF OVEREXPOSURE

Harmful only under unusual conditions or overwhelming dosage

EMERGENCY AND FIRST AID PROCEDURES

Affected areas should be washed thoroughly with soap and water. Flush eyes with copious quantities of water. Ingestion: treat as you would for any water emulsion polish.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

STABLE

CONDITIONS TO AVOID

Excess heat or freezing may coagulate polymer.

X

INCOMPATIBILITY (Materials to avoid)

Acids and salt solutions may coagulate polymer.

HAZARDOUS DECOMPOSITION PRODUCTS

none

HAZARDOUS

POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

CONDITIONS TO AVOID

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Transfer product to a sound container. Rinse spilled emulsion down with excess water and remove.

WASTE DISPOSAL METHOD

If not prohibited by local or state regulations, small amounts of waste may be disposed of by diluting with large quantities of water. Landfill recommended for dry waste.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

adequate ventilation desired to reduce odor

VENTILATION

LOCAL EXHAUST

MECHANICAL (General)

SPECIAL

OTHER

PROTECTIVE GLOVES

not required

EYE PROTECTION

splash goggles if working close to solution

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

For the protection of the product, avoid overheating of drums or storage containers, and avoid freezing temperatures.

OTHER PRECAUTIONS

not required when used according to label directions.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data or results to be obtained from the use thereof.

NAME James G. Ross

Director of Legislative and Regulatory Affairs.

DATE

October 22, 1984