



HILLSBORO ELEMENTARY SCHOOLS

 715 S.E. 5th Ave.
HILLSBORO, OR 97122

MATERIAL SAFETY DATA SHEET

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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 Expediter
CHEMICAL FAMILY high solid floor polish	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)
Formalin				less than	0.2
Ammonia				"	0.3
Triethylamine				"	0.05

SECTION III - PHYSICAL DATA			
BOILING POINT (°F.)	210°F.	SPECIFIC GRAVITY (H ₂ O=1)	1.036
VAPOR PRESSURE (mm Hg.)	N.A.	PERCENT VOLATILE BY VOLUME (%)	78%
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE (_____*_____-1)	* butyl acetate on ether > 1
SOLUBILITY IN WATER	appreciable		
APPEARANCE AND ODOR	Thin, opaque liquid with non-objectionable odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA							
FLASH POINT (Method used)	none	FLAMMABLE LIMITS	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Lel</td> <td style="width: 50%;">Uel</td> </tr> <tr> <td></td> <td></td> </tr> </table>	Lel	Uel		
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	estimated to be very low
EFFECTS OF OVEREXPOSURE	Mild odor, is not expected to be irritating.
EMERGENCY AND FIRST AID PROCEDURES	
Affected areas of skin should be washed thoroughly with warm water and soap. Flush eyes with water.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Excess heat or freezing temperatures
INCOMPATIBILITY (Materials to avoid) Salt solutions or acids will coagulate emulsion.			
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	
Transfer product to a sound container. Rinse any spilled emulsion down with excess water. Avoid letting product dry as it may be difficult to remove. In case product dries, sweep or scrape residue off floor.	
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. Chemical landfill recommended for dry waste.	

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type): none			
VENTILATION	LOCAL EXHAUST	SPECIAL	
	adequate ventilation required		
	MECHANICAL (General)	OTHER	
PROTECTIVE GLOVES		EYE PROTECTION	
none		none	
OTHER PROTECTIVE EQUIPMENT			
none			

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING	STORING
For protection of product avoid overheating or freezing.	
OTHER PRECAUTIONS	
none	

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 September 23, 1980