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# MATERIAL SAFETY DATA SHEET

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

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21-151M  
1-166  
7-4752  
7-4753  
1-167

**SECTION I**

MANUFACTURER'S NAME: **Eberhard Faber, Inc.** EMERGENCY TELEPHONE NO.: **(717) 474-6711**

ADDRESS (Number, Street, City, State, and ZIP Code): **Crestwood Industrial Park, Wilkes-Barre, PA 18703**

CHEMICAL NAME AND SYNONYMS: **Design Art Markers**

CHEMICAL FAMILY: **/** FORMULA: **/**

**SECTION II - HAZARDOUS INGREDIENTS**

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS <b>Xylene</b>		<b>100</b>	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

**SECTION III - PHYSICAL DATA**

BOILING POINT (°F.)	<b>281</b>	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	<b>0.9</b>
VAPOR PRESSURE (mm Hg.)	<b>10 @ 28.3</b>	PERCENT VOLATILE BY VOLUME (%)	<b>100%</b>
VAPOR DENSITY (AIR=1)	<b>heavier</b>	EVAPORATION RATE (N.B.I.A.C. = 1)	<b>0.6</b>
SOLUBILITY IN WATER	<b>NO</b>		
APPEARANCE AND ODOR	<b>Marker Pens, 120 colors (ink), typical Xylene odor</b>		

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (Method used)	<b>81°F TCC</b>	FLAMMABLE LIMITS	<b>N/A</b>	LeI	Uel
EXTINGUISHING MEDIA	<b>Foam - Carbon Dioxide Extinguishers</b>				
SPECIAL FIRE FIGHTING PROCEDURES	<b>None</b>				
UNUSUAL FIRE AND EXPLOSION HAZARDS	<b>NO</b>				

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	LeLo 3460 TLV 100 LD50 3 or more
EFFECTS OF OVEREXPOSURE	Dizziness, Nausea - readily reversible upon removal from source of exposure.
EMERGENCY AND FIRST AID PROCEDURES	Remove patient to fresh air if dizzy or nauseous. If symptoms persist, consult physician.

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS Oxides of nitrogen and carbonaceous by-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 Cannot spill since container has no free liquid ink (all ink is absorbed on internal fiber packing)	
WASTE DISPOSAL METHOD When marker is completely used, dispose of with conventional trash.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type) None		
VENTILATION	LOCAL EXHAUST CROSS ventilation, avoid confined areas	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	No	EYE PROTECTION No
OTHER PROTECTIVE EQUIPMENT	No	

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store in cool area below 120°F. Keep capped when not in use.	
OTHER PRECAUTIONS	