

APR 09 '85

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U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

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

SECTION I

MANUFACTURER'S NAME Appleton Papers Inc.		EMERGENCY TELEPHONE NO. 414 734-9841
ADDRESS (Number, Street, City, State, and ZIP Code) 825 E. Wisconsin Ave., Appleton, WI 54911		
CHEMICAL NAME AND SYNONYMS Carbonless Paper	TRADE NAME AND SYNONYMS NCR Paper*	
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			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Nothing Hazardous. Contains small amounts of encapsulated solvents, only minute quantities are emitted from the paper. The solvent mixtures can contain light paraffins, alkylated benzenes, alkylated biphenyls, and/or arylxylenes (all of which are petroleum distillate mixtures)		

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SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	N/A
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	N/A		N/A
APPEARANCE AND ODOR	Odor varies from faint to noticeable		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N/A	FLAMMABLE LIMITS	LoL	UoL
EXTINGUISHING MEDIA	Water, CO ₂ , Chemical Foam, Dry Powder			
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	Not established, none expected
EFFECTS OF OVEREXPOSURE	Mild skin, eye, and mucous membrane irritations and minor pulmonary effects have been reported, but to the Company's knowledge, not confirmed
EMERGENCY AND FIRST AID PROCEDURES	None are required. If irritations occur, see Section IX, below.

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
None			
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	
N/A	
WASTE DISPOSAL METHOD	
Landfill, incineration, or sale to a paper repulper for recycling. No other reuse appropriate or recommended.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
None needed		
VENTILATION	LOCAL EXHAUST	SPECIAL
ASHRAE Standard levels	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	Not necessary	EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT	Not necessary	
Mild skin lotion or cream, if get irritation from dust or dry skin		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
None necessary if work place ventilation complies with applicable building codes.	
OTHER PRECAUTIONS	
In case of irritation believed due to handling, users should wash their hands with mild soap, use a mild skin lotion or cream, and avoid touching or rubbing other parts of their body with their hands.	