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

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

12-086
THRU
12-101

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

SECTION I C.F.R. IDENTIFICATION NO. NA-1133

MANUFACTURER'S NAME Dennison Manufacturing Company, Dennison Carter's		EMERGENCY TELEPHONE NO. (617) 879-0511 X4636
ADDRESS (Number, Street, City, State, and ZIP Code) 300 Howard St., Framingham, MA 01701		
CHEMICAL NAME AND SYNONYMS N.A.		TRADE NAME AND SYNONYMS Carter's Rubber Cement
CHEMICAL FAMILY N.A.	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 Naphthenes	10	160 PPM	FILLER METAL PLUS COATING OR CORE FLUX		
Paraffins	90				
ADDITIVES**Aromatics	0		OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Natural Rubber - CAS #9006-04-6					
Antioxidant - CAS #119-47-1					
Rubber Solvent - CAS #64742-89-8					
Isoproponol - CAS #67-63-0					
** Benzene Content - Non detected at 1 part per million					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) 152 - Dry Pt. (140-224°F)	60-107°C	SPECIFIC GRAVITY (H ₂ O=1) @ 25°F	0.72
VAPOR PRESSURE (mm Hg.) Est. @ 37.78°C	200	PERCENT VOLATILE BY VOLUME (%)	87
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (Bu. Ac. =1) Est.	10
SOLUBILITY IN WATER	Negligible	Autoignition	500°F
APPEARANCE AND ODOR Buff Color liquid with hydrocarbon odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	0°F	FLAMMABLE LIMITS Est.	Lel	Uel
EXTINGUISHING MEDIA	CO ₂ -Foam - Dry Chemical, Water fog or spray			
SPECIAL FIRE FIGHTING PROCEDURES Use air supplied breathing equipment for enclosed areas. Cool exposed containers with water spray.				
UNUSUAL FIRE AND EXPLOSION HAZARDS Do not mix or store with strong oxidants oxygen.				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
See Sec. II - Recommended exposure limit is 400 PPM for 8 hrs. work day.

EFFECTS OF OVEREXPOSURE
Eye irritation, drying of skin, excessive inhalation causes headache, dizziness and nausea.

EMERGENCY AND FIRST AID PROCEDURES
Eye contact: Flush with water; Call a Physician. Inhalation: Remove to fresh air and restore breathing; Call a Physician. Skin contact: Wash with soap and water.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	x	Heat, sparks, open flame
INCOMPATIBILITY (Materials to avoid) Strong oxidant like liquid chlorine.			
HAZARDOUS DECOMPOSITION PRODUCTS Fumes, smoke and carbon monoxide in the case of complete combustion.			
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
Avoid open flames or spark sources. Provide adequate ventilation. Add absorbent (sawdust, sand etc.) to spill area. Read product container.

WASTE DISPOSAL METHOD
Evaporate and peel residue from surface. Treat as hydrocarbon solvent.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION	LOCAL EXHAUST	SPECIAL Use with adequate ventilation.
	MECHANICAL (General) Explosion proof equipment.	OTHER No smoking
PROTECTIVE GLOVES * Yes		EYE PROTECTION * Yes
OTHER PROTECTIVE EQUIPMENT		

*Use discretion when small quantities are being used.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Avoid open flames spark sources, splash filling, excessive heat. Keep containers closed when not in use.

OTHER PRECAUTIONS
Carefully read all directions and cautions on product container.

NOTICE FROM DENNISON MFG. CO.

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To the best of our knowledge this information is accurate; however, we do not, and cannot warrant or guarantee its accuracy and reliability for any purposes, consequential or actual, which result from any reliance thereon.

[Signature]
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