

# MATERIAL SAFETY DATA SHEET

000057

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<br>Dennison Manufacturing Company, Dennison Carter's                    |                 | EMERGENCY TELEPHONE NO.<br>(617) 879-0511 X4636   |
| ADDRESS (Number, Street, City, State, and ZIP Code)<br>300 Howard St., Framingham, MA 01701 |                 |   |
| CHEMICAL NAME AND SYNONYMS<br>N.A.  |                 | TRADE NAME AND SYNONYMS<br>Carter's Rubber Cement |
| CHEMICAL FAMILY<br>N.A.   | FORMULA<br>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 |             | OTHERS                                 |   |             |
| ADDITIVES**Aromatics                                    | 0  |             |  |   |             |
| 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                        |    |             |  |   |             |
| Isopropenol - CAS #67-63-0                              |    |             |  |   |             |
| ** Benzene Content - Non detected at 1 part per million |    |             |  |   |             |

## SECTION III - PHYSICAL DATA

|  |            |  |       |
|--|------------|--|-------|
| BOILING POINT (°F.)<br>bp - Dry Pt. (140-224°F)              | 60-107°C   | SPECIFIC GRAVITY (H <sub>2</sub> O=1) @ 25°F | 0.72  |
| VAPOR PRESSURE (mm Hg.)<br>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 |
|                                    |  |                       |     | 6.0 |
| EXTINGUISHING MEDIA                | CO <sub>2</sub> -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

|   |                |   |                          |
|---|----------------|---|--------------------------|
| <b>STABILITY</b>  | UNSTABLE       |   | CONDITIONS TO AVOID      |
|   | STABLE         | x | Heat, sparks, open flame |
| <b>INCOMPATIBILITY (Materials to avoid)</b><br>Strong oxidant like liquid chlorine.                             |                |   |                          |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS</b><br>Fumes, smoke and carbon monoxide in the case of complete combustion. |                |   |                          |
|   | MAY OCCUR      |   | CONDITIONS TO AVOID      |
| <b>HAZARDOUS POLYMERIZATION</b>   | 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)**

|                                   |  |   |
|-----------------------------------|--|---|
| <b>VENTILATION</b>                | LOCAL EXHAUST                                      | SPECIAL<br>Use with adequate ventilation. |
|                                   | MECHANICAL (General)<br>Explosion proof equipment. | OTHER<br>No smoking                       |
| <b>PROTECTIVE GLOVES</b><br>* Yes | <b>EYE PROTECTION</b><br>* Yes                     |   |
| <b>OTHER PROTECTIVE EQUIPMENT</b> |  |   |

\*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.**

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

*[Signature]*  
3/3/88