

MAR 27 1992

MATERIAL SAFETY DATA SHEET

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SECTION I Product Identification

PRODUCT NAME: **ELM'S WAX** VIGOR PART NUMBERS CA 875/ CA 877

SECTION II Hazardous Ingredients

Ingredient:	OSHA PEL	ACGIH TLV	%
Isopropyl Alcohol CAS # 67-63-0	400 ppm	400 ppm	95%
Acetone CAS # 67-64-1	1000 ppm	750 ppm	1%
Surfactant CAS # proprietary	not regulated		4%

SECTION III Health Hazards

Potential Effects of Exposure:

Eyes: Causes slight to moderate irritation, with possible corneal damage.

Skin: Liquid is slightly irritating to the skin. Prolonged or repeated exposure can result in defatting and drying of the skin which may result in skin irritation and dermatitis.

Inhalation: Vapors may cause irritation to the nose, throat, and respiratory tract. High vapor concentrations may result in central nervous system depression.

Ingestion: Ingestion of this product may result in vomiting. Aspiration (breathing) of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis.

Signs and Symptoms of Exposure: Irritation as noted above. Early to moderate central nervous system depression may be evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconsciousness and death may occur. Aspiration pneumonitis may be evidenced by coughing, labored breathing and cyanosis (bluish skin). In severe cases death may occur.

Aggravated Medical Conditions: Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product.

No ingredient in this product is listed as a carcinogen by NTP, IARC, or OSHA.

PRODUCT NAME: FILM-O-WAX VIGOR PART NUMBERS CA 875/ CA 877

SECTION III (con't)

First Aid:

Eyes: Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention.

Skin: Remove contaminated clothing/shoes. Flush with water. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

Ingestion: Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Get medical attention.

SECTION IV Special Protection Information

Respiratory Protection: If exposure exceeds occupational exposure limits (see sec.II) use a NIOSH approved respirator.

Ventilation Required: Use only with ventilation sufficient to prevent exceeding recommended exposure limit. Use explosion-proof equipment.

Protective Clothing:

Eyes: Use chemical resistant glasses or goggles.

Skin: Use chemical resistant clothing to prevent undue bodily contact.

Additional Protective Measures: none

SECTION V Fire & Explosion Hazard Data

Flash Point (Method Used): 53 deg F. (TCC)

Flammable Limits (% Volume in Air)

Upper: 12%

Lower: 2%

Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide.

Special Fire Fighting Procedures: Do not use a direct stream of water.

Unusual Fire and Explosion Hazards: Containers should be cooled with water if exposed to intense heat from fire to prevent pressure buildup which could result in container failure.

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SECTION VI Physical Data

Boiling Point: 83 deg F.

Melting Point: not available

Specific Gravity (Water)= 1: 0.77

Vapor Pressure (mm Hg): <33 @ 100 deg F.

Vapor Density (Air = 1): 2.1

Evaporation Rate (Butyl Acetate = 1): 2.9

Solubility in Water @ 77 deg. F. complete

pH: not applicable

Percent Volatile by Volume: 96%

Appearance and Odor: blue liquid, slight odor

SECTION VII Reactivity Data

Stability: stable

Incompatibility: strong oxidizing materials

Hazardous Decomposition Products: Carbon monoxide and other unidentified organic compounds may be formed during combustion.

Hazardous Polymerization: Will not occur

SECTION VIII Spill and Leak Procedures

Steps to be Taken if Material Released or Spilled: Extinguish and do not turn on any ignition source until area is determined to be free of explosion or fire hazards. Collect large spills for disposal. Flush small spills with water

Waste Disposal Method: Incinerate in a furnace where permitted under Federal, State and local regulations.

Precautions to be Taken in Handling and Storage: Keep away from heat, flame and sparks. Avoid contact with eyes. Keep container closed when not in use. Use with adequate ventilation. Wash thoroughly after handling

Other Precautions: none

SECTION IX D.O.T. Shipping Information:

Proper Shipping Name: Isopropanol

Hazard Class: Flammable Liquid

ID Number: UN-1219

Label Requirements: Flammable Liquid

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