

MATERIAL SAFETY DATA SHEET

JUN 17 1994

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(MSDS)

97-5434

97-5437

ITEM NUMBER: 266 - # 66 SPRAY ADHESIVE 11 OZ.

IDENTITY (As Used On Label and List): NASCO SPRAY ADH. 11 OZ

Emergency Medical Telephone Number 8002285635X009

(24 HRS)

PRODUCT HAZARD RATINGS: Health = 2, Fire = 4, Reactivity = 0, Protective Equipment = *B (HMIG)
(Rating Legend: 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal)

Section I

NASCO
901 JANESVILLE AVENUE
P.O. BOX 901
FORT ATKINSON
WI 53538

TELEPHONE NUMBER FOR INFORMATION:

DATE PREPARED: 08/17/93
NAME OF PREPARER: Philip T. Miller

Section II - Hazardous Ingredients/Identity Information

Table with 6 columns: Chemical Names, Exposure Limits (LD50-Oral Rat), SARA Title III SEC 313, ACGIH TLV/TWA, OSHA PEL, % By Wt. Rows include Cyclohexane and Liquid Petroleum Gas.

Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard.
Components Listed As A Suspected Carcinogen: None

Section III - Physical Characteristics

Boiling Point: NA
Solubility/Water: Negligible
Appearance and Odor: Light Amber-Petroleum Odor
Vapor Pressure (psig): 85+/-5@130F
Vapor Density (AIR=1): >1
Specific Gravity (H2O=1): <1.0
Evaporation Rate (Ether=1): <1

Section IV - Fire and Explosion Hazard Data

Aerosol Flammability: This product is considered to be extremely flammable as described in 16CFR 1500.45.
Flammable Limits - % Volume In Air (Cyclohexane): LEL: 1.3 UEL: Unknown
Extinguishing Media: Carbon dioxide, foam and/or dry chemical may be used.
Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up.
Unusual Fire and Explosion Hazards: At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

Section V - Reactivity Data

Stability: Stable
Incompatibility (Materials to Avoid): Oxidizing agents
Conditions to Avoid: Do not store above 54C-130F. Keep away from heat, direct sunlight, open flames or sparks. Dropping of containers may cause bursting.
Hazardous Polymerization: NA
Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide and additional toxic chemicals may be formed in small amounts.

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Section VI - Health Hazard Data

Route(s) of Entry - **Inhalation: X** **Eyes: X** **Skin: X** **Ingestion: X**
Signs and Symptoms of Exposure: Excessive inhalation of vapors can cause dizziness, weakness, and fatigue. Prolonged or repeated skin contact may defat the skin and cause dermatitis. Eye Irritant. Ingestion is an unlikely route. If swallowed do not induce vomiting.
Medical Conditions Generally Aggravated by Exposure: Preexisting skin or eye disorders may be aggravated by exposure to this product.
Emergency and First Aid Procedures: **Eye Contact:** Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention if irritation persists. **Skin Contact:** Remove contaminated clothing. Flush skin 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. **Ingestion:** Get medical attention.

Section VII - Precautions for Safe Handling and Use

Releases or Spilled: Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.
Waste Disposal Method: Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.
Handling And Storing: Avoid breathing vapor. Keep away from heat and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F (54C). Store as Level 3 Aerosol (NFPA 30B).
Other Precautions: Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

Section VIII - Employee Protection

Respiratory Protection (Type): None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.
Ventilation: Local exhaust is adequate under normal conditions, mechanical ventilation is optional.
Protective Gloves: Chemical resistant gloves*.
Eye Protection: Chemical safety glasses are recommended*.
Other Protective Clothing or Equipment: Wear impervious clothing to prevent skin contact.
Work/Hygienic Practices: Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

Section IX - Other Regulatory Controls

Governmental Listings: Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

Section X - Transportation (D.O.T. Classification)

Shipping Name: Consumer Commodity

Hazard Class: ORM-D

NG-- Negligible NA-- Not Applicable NE-- Not Established UN-- Unavailable ND-- Not Determined

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