

MATERIAL SAFETY DATA SHEET

for #024-025, 024-026 & 024-027 Aerosol Lacquer

I. Product Identification

Product Names: Aerosol #8321 Lacquer RFU
ID Number: L8321AERO
Part Numbers: 024-025, 024-026 & 024-027
MFG's Name: G. J. Nikolas & Co., Inc.
Address: 2800 Washington Blvd.
Bellwood, IL 60104
Phone: 800-424-9300

EMERGENCY HAZARD RATING

Health: 2 Flammability: 3 Reactivity: 1

II. Composition

Chemical Name: Ester
CAS#: 141-78-6
TLV-TWA: 400 ppm
Skin: No
Weight Percent: 25

Chemical Name: Ketone
CAS#: 67-64-1
TLV-TWA: 750 ppm
TLV-STEL: 1000 ppm
Skin: No
Weight Percent: 20

Chemical Name: Aromatic Hydrocarbon
CAS#: 108-88-3
TLV-TWA: 50ppm
TLV-STEL: 150ppm*
Skin: No
Weight Percent: 15

Chemical Name: Ester
CAS#: 763-69-9
Skin: No
Weight Percent: 15

Chemical Name: Ester
CAS#: 123-86-4
TLV-TWA: 150 ppm
TLV-STEL: 200 ppm
Skin: No
Weight Percent: 15

Chemical Name: Aromatic Hydrocarbon
CAS#: 1330-20-7
TLV-TWA: 100 ppm
TLV-STEL: 150 ppm
Skin: No
Weight Percent: 10

Chemical Name: Alcohol
CAS#: 71-36-3
TLV-TWA: C50 ppm
Skin: Yes
Weight Percent: 10

Chemical Name: Alcohol
CAS#: 64-17-5
TLV-TWA: 1000 ppm
Skin: No
Weight Percent: 5

III. Physical Properties

Physical State: Liquid
Appearance: Clear liquid
Odor: Characteristic
Vapor Density: Heavier than Air
Specific Gravity: .8838
Water Solubility: Negligible
Boiling Range: 133-329° F
% Volatile (By Weight): 92.1%
% Volatile (By Volume): 93.9%
VOCS (lbs/gal): 6.82
VOCS (grams/ltr): 817
Evaporation Rate: Slower than Ether
* - Ceiling Value

IV. Fire and Explosion Data

Flash Point: -4 °F
Flash Point Method: Setaflash Closed Cup
LEL: 1%
UEL: 19%
Flammability Classification: Flammable
Extinguishing Media: Alcohol Foam, CO₂, Dry Chemical, Foam, Water Fog

Unusual Fire or Explosion Hazards: Keep containers tightly closed. Isolate from heat, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Do not use when smoking or where electrical sparks or open flame is present. **Special Firefighting Procedures:** Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

V. Health Hazard Data

Effects Of Overexposure - Eye Contact: Causes moderate irritation. May cause: redness, swelling, pain, or eye injury.
Effects Of Overexposure - Skin Contact: May cause mild irritation. Prolonged and repeated contact with skin can cause defatting and drying of the skin which may result in skin irritation and dermatitis. Prolonged contact may cause: discomfort, pain, redness, swelling, or tissue destruction.
Effects Of Overexposure - Inhalation: Causes moderate irritation. Vapors may irritate: nose, throat, or respiratory tract. May cause: chest pain or coughing. Inhalation overexposure may lead to central nervous system depression producing effects such as: nausea, vomiting, headache, dizziness, drowsiness, weakness, and loss of consciousness. May produce signs and symptoms of toxicity similar to those described for swallowing. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. **Effects Of Overexposure - Ingestion:** May cause moderate irritation. Mildly toxic by ingestion. May cause: abdominal discomfort, nausea, vomiting, diarrhea, dizziness, drowsiness, headache, or unconsciousness. Liquid ingestion may result in vomiting; aspiration (breathing of liquid into the lungs) must be avoided as liquid contact with the lungs can result in chemical pneumonitis and pulmonary edema/hemorrhage. Prolonged or repeated exposure may cause damage to the liver. **Effects Of Overexposure - Chronic Hazards:** Eye disorders. Skin disorders. Respiratory system disorders. **First Aid - Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Tilt head to avoid contaminating unaffected eye. Get immediate medical attention. Remove contact lenses if possible. **First Aid - Skin Contact:** Flush skin with plenty of water while removing contaminated clothing and shoes. Do not reuse clothing or shoes until cleaned. If irritation develops or persists, get medical attention. Discard contaminated leather articles such as shoes and belt. Do not apply oils or ointments unless ordered by the physician. **First Aid - Inhalation:** Remove to FRESH air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration, preferably mouth-to-mouth. GET MEDICAL ATTENTION IMMEDIATELY. **First Aid - Ingestion:** If fully conscious, give two glasses of water, then induce vomiting by touching back of throat with finger. Keep head below hips to prevent aspiration of liquid into the lungs. CALL A PHYSICIAN immediately. Never induce vomiting or give anything by mouth to an unconscious victim. **Note To Physicians:** There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Individuals experiencing breathing difficulties after exposure to vapor generated in aerosol applications should be observed for at least 48 hours in case delayed respiratory complications develop. **Primary Route(s) Of Entry:** Skin Contact, Skin Absorption, Inhalation, Ingestion, Eye Contact

VI. Reactivity Data

Hazardous Decomposition Products: Burning can produce carbon-dioxide and/or carbon monoxide. **Conditions To Avoid:** None known. **Incompatibility:** Alkali metal hydroxides, such as sodium hydroxide, strong oxidizing agents such as nitric acid, strong acids, excessive heat and ignition sources. **Hazardous Polymerization:** Will not occur under normal conditions. **Stability:** This product is stable under normal storage conditions.

VII. Spill or Leak Procedures

Steps To Be Taken In Case Material Is Released Or Spilled: Avoid breathing solvent vapor. Ensure adequate ventilation. Avoid sparks, flames, and anything which could cause fire. **Waste Disposal Method:** Soak liquids with sawdust or rags and remove. Flush with water if possible. Avoid skin contact. Disposal should be in accordance with Local, State, and Federal Regulations.

VIII. Safe Handling & Use Information

Respiratory Protection: NIOSH/OSHA approved respirator types suitable for materials in Section II recommended. Approved chemical/mechanical filters recommended when ventilation is restricted. Approved airline type respirators or hoods recommended in confined areas. **Ventilation:** Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGHI'S TLV limit. **Skin Protection:** Rubber or neoprene. Wear protective clothing sufficient to cover exposed skin surfaces. For applications where skin contact is likely use gloves and/or clothing made of neoprene rubber or butyl rubber. **Eye Protection:** Chemical-type splash goggles with side shields or face shield recommended. **Other Protective Equipment:** Use protective creams where skin contact is likely. Remove and wash contaminated clothing before reuse. Clothing adequate to protect skin, eyebath, and safety shower. **Hygienic Practices:** Wash hands before eating or smoking. Smoke in designated areas only.

VIII. Special Precautions

Precautions To Be Taken In Handling And Storage: GROUNDING: when transferring, fill stem and container must be grounded and bonded. Store in a cool dry area with ventilation suitable for storing materials shown in Section II. Keep away from heat, sparks and open flame. Do not cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks or other sources of ignition; they may explode and cause injury or death. **Other Precautions:** Provide respiratory protection against fumes generated during burning. Avoid prolonged contact with skin and breathing of vapors.

IX. Other Regulations

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Chemical Name: Aromatic Hydrocarbon
CAS#: 108-88-3
Weight Percent: 15

Chemical Name: Aromatic Hydrocarbon
CAS#: 1330-20-7
Weight Percent: 10

Chemical Name: Alcohol
CAS#: 71-36-3
Weight Percent: 10

PREVIOUS MSDS REVISION DATE: 02/24/06

LEGEND: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.



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