

COMPANY IDENTITY: ALBATROSS® USA INC.
PRODUCT IDENTITY: MIST-PAL SPRAY ADHESIVE

DATE 10/5/93
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MATERIAL SAFETY DATA

Date Printed: 11/1/94
Product Identity: Mist-Pal Adhesive
Name: ALBATROSS USA INC. Address: 36-41 36th Street
City: Long Island City, NY 11106 Phone 718-392-6272
FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure or Accident
CALL CHEMTREC - Day or Night: 800-424-9300

HEALTH RATING NFPA

Health - 2 Flammability - 4 Reactivity - 0 Special - 0

HEALTH RATING HMIS

Health - 2 Flammability - 4 Reactivity - 0 Personal Protection - B

DOT HAZARD CLASSIFICATION: ORM-D

SECTION 1. MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES

(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)

<u>CHEMICAL NAME</u>	<u>CAS#</u>	<u>SARA III LIST</u>	<u>OSHA PEL (ppm)</u>	<u>ACGIH TLV (ppm)</u>	<u>CARCINOGEN REF. SOURCE**</u>
ACETONE	67-64-1	YES	1000ppm	750ppm	d
HEXANE	110-54-3	NO	50ppm	50ppm	d
ISOBUTANE	75-28-5	NO	800ppm	800ppm	d
CYCLOHEXANE	110-82-7	YES	300ppm	300ppm	d

SECTION 2. PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A SPECIFIC GRAVITY (H2O=1): Concentrate Only = .75
VAPOR PRESSURE: PSIG @70°F (Aerosols): VAPOR PRESSURE (Non-Aerosols)(mm Hg and Temperature): N/A
Max .40
VAPOR DENSITY (Air = 1): N/E EVAPORATION RATE (=1): N/E
SOLUBILITY IN WATER: Partial WATER REACTIVE: NO
APPEARANCE AND ODOR: Straw colored liquid with ketone solvent odor.

SECTION 3. FIRE AND EXPLOSION DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) EXTREMELY FLAMMABLE
AUTO IGNITION TEMPERATURE: N/E
FLAMMABILITY LIMITS IN AIR BY % IN VOLUME: % LEL: N/E %UEL: N/E
FLASH POINT AND METHOD USED (non-aerosols): N/A
EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water.
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus. Use water fog to cool containers to prevent rupturing & exploding containers. Provide shielding for personnel.
UNUSUAL FIRE & EXPLOSION HAZARDS: Do not expose aerosols to temperatures above 130°F or the container may rupture.

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SECTION 4. REACTIVITY HAZARD DATA

STABILITY: STABLE HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
INCOMPATIBILITY: (Mat. to avoid): Strong oxidizing agents.
CONDITIONS TO AVOID: Open flame, welding arcs, heat, sparks.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide.

SECTION 5. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Inhalation, Skin Absorption

ACUTE EFFECTS

INHALATION: Excessive inhalation of vapors can cause nasal & respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation.

EYE CONTACT: Irritation.

SKIN CONTACT: Irritation due to defatting of skin.

INGESTION: Possible chemical pneumonitis if aspirated into lungs.

CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) Excessive inhalation of hexane may cause nerve damage.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: May aggravate existing eye, skin or upper respiratory conditions.

EMERGENCY FIRST AID PROCEDURES

EYE CONTACT: Flush with water for 15 minutes. If irritated, seek medical attention.

SKIN CONTACT: Wash with soap and water. If irritated, seek medical attention.

INHALATION: Remove to fresh air. Resuscitate if necessary. Get medical attention.

INGESTION: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

SECTION 6. CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH in positive pressure mode.

PROTECTIVE GLOVES: Neoprene.

EYE PROTECTION: Safety glasses recommended.

VENTILATION REQUIREMENTS: Adequate ventilation to keep vapor concentration below TLV.

OTHER PROTECTIVE CLOTHING & EQUIPMENT: None

HYGIENIC WORK PRACTICES: Wash with soap and water before handling food. Remove contaminated clothing.

SECTION 7. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER.

WASTE DISPOSAL METHODS: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

OTHER PRECAUTIONS &/OR SPECIAL HAZARDS: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.

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KEY TO ABBREVIATIONS: N/A - NOT AVAILABLE; NOT APPLICABLE N/D - NOT DETERMINED N/E - NOT ESTABLISHED N/K - NONE KNOWN PPM - PARTS PER MILLION TLV - THRESHOLD VALUE. NTP - NATIONAL TOXICOLOGY PROGRAM IARC- INTERNATIONAL AGENCY FOR RESEARCH ON CANCER ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS. PEL - PERMISSIBLE EXPOSURE LIMIT.

**Chemical Listed as Carcinogen or Potential Carcinogen. (a)NTP (b)ARC Monograph (c)OSHA (d)Not Listed (e)Animal data only.

NOTICE

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