

PEACOCK LABORATORIES, INC.
1901 S 54th St.
Philadelphia, PA 19143
Tel: 215 729 4400
www.peacocklabs.com

Material Safety Data Sheet

Permalac 2KA

SECTION 1

Manufacturer's Name:..... Peacock Laboratories, Inc.
Address:.....1901 S. 54th Street
City, State, and Zip.....Phila., PA 19143
Date Prepared:.....08/2007
24 Hour Emergency Number: CHEMTREC (800)424-9300

SECTION 2

Hazardous Ingredients	Concentration (%)
N-Butyl Acetate CAS NO.: 123-86-4 OSHA: 150 ppm TWA; 710 mg/m ³ TWA ACGIH: 150 ppm TWA; 713 mg/m ³ TWA; 200 ppm STEL; 950 mg/m ³ STEL	67-72%%
Glycol Ether PM Acetate CAS NO.: 28182-81-2 OSHA: .Not Established ACGIH: Not Established	4%
EOP Solvent CAS NO.: 64742-95-6 OSHA: .Not Established ACGIH: Not Established	5%
Polyacrylate Resin Non Hazardous	20-24%

SECTION 3 PHYSICAL HAZARDS (REACTIVITY DATA)

Physical Form:	Liquid
Color	Clear
Odor	Solvent odor
Boiling Point	Approx 260F (127 C) for solvent;
Melting/Freezing Point	Not Established
Solubility in Water	Insoluble..
Specific Gravity	Approx. 1.1 @ 68 F (20 C)
Bulk Density	Approx 9.0 lbs/Gal
Vapor Pressure	Butyl Acetate – 12 mm Hg at 20 C;
Stability	Stable under normal conditions
Conditions to Avoid	High heat, open flames, ignition sources

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Hazardous Polymerization Will not occur;
Incompatibility (Materials to Avoid) Oxidizing agents
Hazardous Decomposition Products –by high heat and fire- oxides of carbon, oxides of nitrogen, and other undetermined aliphatic fragments.

SECTION 4 HEALTH HAZARDS

Routes of Entry: Eye contact, Skin contact, Inhalation, ingestion

Symptoms of Overexposure:

Acute Inhalation: Solvent vapors may be irritating to the eyes, nose and throat. Symptoms of irritation may include redness, burning, and itching of the eyes, dryness of the throat and tightness of the chest. Other possible symptoms of overexposure include headache, nausea, narcosis, fatigue, and loss of appetite. Exposure to a concentration of 200 ppm Butyl Acetate (BA) can cause eye, nose, and throat irritation. At 300 ppm, these effects can become severe. Misuse by deliberately concentrating and inhaling vapors may be harmful.

Chronic Inhalation: Chronic overexposure to organic solvents has been associated with various neurotoxic effects including permanent brain and nervous system damage. Symptoms include loss of memory, loss of intellectual ability and loss of coordination.

Acute Skin Contact: Repeated contact with butyl acetate solvents can result in dry defatted and cracked skin causing increased susceptibility to infection. Skin irritation (redness, swelling) may develop into dermatitis. Solvents can penetrate the skin and cause systemic effects similar to those identified under acute inhalation.

Chronic Skin Contact: Chronic skin exposure to solvents may cause systemic effects similar to those identified under chronic inhalation.

Acute Eye Contact: Liquids, aerosols and vapors of this are irritating and can cause tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes. Damage is usually reversible.

Chronic Eye Contact: Prolonged vapor contact may cause conjunctivitis.

Acute Ingestion: Swallowing this product can cause gastrointestinal distress resulting in irritation of the digestive tract. Symptoms can include sore throat, abdominal pain, nausea, vomiting and diarrhea. Vomiting may cause aspiration of the solvent resulting in chemical pneumonitis.

Chronic Ingestion: None known.

Chemical Listed as Carcinogen or Potential Carcinogen:

National Toxicology Program: No

I.A.R.C. Monographs: No

OSHA: No

Medical Conditions Aggravated by Exposure Based on component information, this product may aggravate an existing allergic reaction or dermatitis, and existing eye and

respiratory conditions.

FIRST AID MEASURES

First Aid for Eyes: Flush with clean, lukewarm water (low Pressure) for at least 15 minutes, while lifting eyelids. Refer individual to physician/ophthalmologist for immediate follow-up.

First Aid for Skin: Remove contaminated clothing and shoes immediately. Wash affected areas with soap and water. For severe exposures, get under safety shower after removing clothing, then get medical attention. Seek medical attention if irritation develops or persists.

First Aid for Inhalation: Move to an area free from risk of further exposure. Administer oxygen or artificial respiration as needed. Obtain medical attention.

First Aid for Ingestion: Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Consult Physician. Should vomiting occur keep head lower than hip level to prevent aspiration of fluid into the lungs.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point: Not Determined

Flammable Limits:

Upper Explosive Limit (UEL) (%): 7.5 to 7.6 - n-butyl acetate

Lower Explosive Limit (LEL) (%): 1.2 - n-butyl acetate

Upper Explosive Limit (UEL) (%): 7.5 – solvent Naphtha

Lower Explosive Limit (LEL) (%): 1.0 – solvent Naphtha

Auto-Ignition Temperature : Not established
698 F (370 C) – n-butyl acetate

Extinguishing Media : Dry chemical; Carbon Dioxide; Foam; water spray for large fires.

Special Fire Fighting Procedures: Full emergency equipment with self contained breathing apparatus and full protective clothing should be worn by firefighters. Closed container may explode when exposed to extreme heat or burst when contaminated with water (CO₂ evolved). Solvent vapors may be heavier than air. Stagnant air may cause vapors to accumulate and travel along the ground to an ignition source which may result in a flashback to the source of the vapor.

Unusual Fire and Explosive Hazards: Solvent vapor/air mixtures can be explosive above the flash point.

SECTION 6 SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES.

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Precautions to be Taken in Handling and Storage: Store in tightly closed containers to prevent moisture contamination. Do not reseal if contamination is suspected. Store in temperatures between -30 F (-34 C) and 122 F (50 C). Ideal storage temperature for ease of handling is 50-81 F (10-27 C). Avoid contact with skin and eyes. Do not breathe vapors or mists if generated.

Steps to be taken in Case Material is Released or Spilled: Evacuate nonessential personnel. Remove all sources of ignition. Ventilate the area. Notify appropriate authorities if necessary. Put on protective equipment (see section 8). Dike or impound spilled material and control further spillage if possible. Cover the spill with sawdust, vermiculite, or other absorbent material. Pour decontamination solution (concentrated ammonia (5%), detergent (2%), and water (93%)) over spill area and allow it to react for at least 10 minutes. Collect material in open containers and add further amounts of decontamination solution. Remove containers to a safe place, cover loosely, and allow standing for 24 to 48 hours. Flush spill area with water. Collect spill wash water for approved disposal.

Waste Disposal Methods: Consult federal, state, and local regulations:

SECTION 8 SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Required Work/Hygienic Practices: Persons handling this product must avoid contact with eyes or skin. In spray operations, protection must be afforded against exposure to both vapor and spray mist.

Eye Protection: Chemical safety splash goggles to prevent eye contact. Vapor resistant goggles should be worn when contact lenses are in use. In a splash hazard environment chemical goggles should be used in combination with a full face-shield.

Protective Gloves: Permeation resistant gloves (butyl rubber, nitrile rubber). We recommend that latex gloves not be worn when working with isocyanates. Cover as much of the exposed skin area as possible with appropriate clothing. If skin creams are used keep the area protected only by the cream to a minimum.

Respiratory Protection (specify type): Approved by NOISH/MSHA respirator with ammonia filter. Must be used when exposure limits are exceeded.

Ventilation: Local exhaust, to meet TLV requirements.

Other Protective Clothing or Equipment: Rubber apron or protective coveralls.

SECTION 9 TRANSPORTATION

Proper Shipping Name: Resin Solution

Hazard Class: 3.3.

Label: UN-1866, Packing Group III, Flammable Liquid

SECTION 10

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