

MATERIAL SAFETY DATA SHEET for PVA 20

Section 1 – Manufacturer Information

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Section 2 – Hazardous Ingredients

Hazardous Ingredients:

Residual Vinyl Acetate Monomer CAS #00108-05-04
Less than 0.5% level in product.

OSHA PEL:

10 ppm

ACGIH TLV:

10 ppm

Other Limits:

Contents (%)

GENERAL INFORMATION: To the best of our knowledge the information contained herein is correct. Lambert Corporation of Florida, Inc. assumes no responsibility for accuracy or completeness. User is responsible for suitability.

FOR INDUSTRIAL USE ONLY.

HMIS Rating: Health - 1 Flammability - 0 Reactivity - 0 Personal Protection – B

Section 3 – Physical/Chemical Characteristics

Boiling Point: >200° F
Vapor Pressure (mm Hg.): 92 @ 20°C
Vapor Density (AIR = 1): <1

Specific Gravity (H2) = 1): 1.0-1.2
Melting Point: N/A
Evaporation Rate (Butyl Acetate = 1): <1

Solubility in Water: COMPLETE
Appearance and Odor: MILKY WHITE LIQUID, MILD NON-IRRITATING ODOR.

Section 4 – Fire and Explosion Hazard Data

Flash Point (Method Used): NON-FLAMMABLE IN LIQUID STATE.
Extinguishing Media: USE WATER SPRAY, FOAM, and DRY CHEMICAL OR CARBON DIOXIDE ON DRIED PRODUCT.

Flammable Limits In air % by volume: N/A

LEL 2.6%

UEL N/A

Special Fire Fighting Procedures: WEAR SCBA & FULL PROTECTIVE EQUIPMENT. BURNING OF DRIED FILM IS SIMILAR TO WOOD, IT MAY PRODUCE DENSE, BLACK SMOKE.
Unusual Fire and Explosion Hazards: THERE IS THE POSSIBILITY OF PRESSURE BUILDUP IN CLOSED CONTAINERS WHEN HEATED. USE WATER SPRAY TO COOL CONTAINERS.

Section 5 – Reactivity Data

Stability: Stable Unstable

Conditions to Avoid: PROTECT FROM FREEZING. STORE MATERIAL AT TEMPERATURES BETWEEN 40°F AND 90°F.

Incompatibility (Materials to Avoid): NONE ESTABLISHED

Hazardous Decomposition of Byproducts: INCOMPLETE COMBUSTION CAN YIELD LOW MOLECULAR WEIGHT HYDROCARBONS, CARBON MONOXIDE.

Hazardous Polymerization: May Occur Will Not Occur

Conditions to Avoid: N/A

Section 6 – Health Hazard Data*Routes of Entry:*

Eyes: IRRITANT

Inhalation: MILD IRRITANT

Skin: MILD IRRITANT

Ingestion: N/A

Health Hazards (Acute and Chronic): VINYL ACETATE HAD BEEN SHOWN TO CAUSE CANCER IN TESTS WITH LAB ANIMALS. OVER-EXPOSURE MAY INCREASE CANCER RISK. OVER-EXPOSURE TO VINYL ACETATE SHOULD NOT OCCUR WITH NORMAL HANDLING AND USE. THIS PRODUCT ALSO CONTAINS TRACE AMOUNTS OF (less than 0.1%) OF FORMALDEHYDE. FORMALDEHYDE HAS BEEN IDENTIFIED AS AN ANIMAL CARCINOGEN. OVER-EXPOSURE TO FORMALDEHYDE SHOULD NOT OCCUR WITH NORMAL HANDLING.

Carcinogenicity: SEE ABOVE

NTP: N/A

IARC Monographs: N/A

OSHA Regulated: N/A

Signs and Symptoms of Exposure: DIRECT AND REPEATED EYE AND SKIN CONTACT MAY CAUSE MILD IRRITATION. EXPOSURE TO VAPORS IN POORLY VENTILATED AREAS MAY CAUSE IRRITATION TO THE NOSE, THROAT & UPPER RESPIRATORY TRACT.

Medical Conditions Generally Aggravated by Exposure: NO KNOWN EFFECTS ON OTHER ILLNESSES.

Emergency First Aid Procedures: **EYES:** FLUSH WITH WATER FOR AT LEAST 15 MINUTES. **SKIN:** WASH WELL WITH SOAP AND WATER. **INHALATION:** REMOVE TO FRESH AIR. **INGESTION:** IF VICTIM IS CONSCIOUS GIVE AT LEAST 2 LARGE GLASSES OF WATER AND CALL A PHYSICIAN IMMEDIATELY.

Section 7 – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: DIKE IF NECESSARY. CONTAIN SPILL WITH INERT ABSORBENT AND TRANSFER TO CONTAINERS FOR DISPOSAL. KEEP OUT OF SEWERS, WATERSHEDS OR WATER SYSTEMS. SPILLS MAY CAUSE SLIPPERY SURFACE. KEEP SPECTATORS AWAY.

Waste Disposal Method: COAGULATE LIQUID WITH ADDITION OF FERRIC CHLORIDE AND LIME. DISPOSE OF IN AN APPROVED INDUSTRIAL LANDFILL ACCORDING TO ALL FEDERAL, STATE & LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storage: IN STORAGE, MONOMER VAPORS WILL MIGRATE FROM THE EMULSION AND ESTABLISH EQUILIBRIUM BETWEEN THE HEADSPACE IN THE STORAGE CONTAINER & THE LIQUID EMULSION. ALL PROCEDURES APPROPRIATE FOR A CONFINED SPACE ENTRY SHOULD BE COMPLETED PRIOR TO ANY WORK IN BULK STORAGE.

Other Precautions: KEEP FROM FREEZING. DRIED MATERIAL IS HARD TO REMOVE. MATERIAL MAY DEVELOP BACTERIA ODOR ON LONG TERM STORAGE.

Section 8 – Control Measures

Respiratory Protection (Type): NOT NORMALLY REQUIRED.

Ventilation:

Local Exhaust: PROVIDE STANDARD INDUSTRIAL VENTILATION

Mechanical (General):

Special: N/A

Other:

Protective Gloves: FOR REPEATED USE, WEAR RUBBER GLOVES.

Eye Protection: SAFETY GLASSES ARE RECOMMENDED.

Other Protective Clothing or Equipment: PROTECTIVE CLOTHING IS PREFERRED. LAUNDER CONTAMINATED CLOTHING BEFORE RE-USE. EYE BATH IN VICINITY IS RECOMMENDED.

Work/Hygienic Practices: PRACTICE GOOD HOUSEKEEPING. USE GOOD PERSONAL HYGIENE PRACTICES.