

MATERIAL SAFETY DATA SHEET

SEC. 1 - MATERIAL IDENTIFICATION AND USE

Material name: Acrylic Resin

Supplier's Name: The Earth Pigments Company
Address: PO Box 1172 Cortaro, AZ 85652 USA
Contact phone #: (520) 616-9020

Material Use: ADHESIVE
Chemical Name: COMPOUNDED POLYVINYL ACETATE EMULSION .
Family: ORGANIC POLYMER .
Chemical formula: N/AP
Molecular weight: N/AV

SEC. 2 - HAZARDOUS INGREDIENTS

Hazardous Ingredients	%	CAS#	LD ₅₀	LC ₅₀
NONE - NOT A W.H.M.I.S. CONTROLLED PRODUCT				

LD₅₀ and LC₅₀ are expressed in mg/kg & ppm respectively for rats via the oral route and inhalation for 4 hours, unless otherwise specified.

SEC. 3 - PHYSICAL DATA

Physical state: LIQUID
Specific gravity: 1.095
pH: N/AV
% Volatiles: 48% BY WEIGHT
Odor and appearance: MILKY WHITE LIQUID WITH MILD ODOR
Odor threshold (ppm): N/AP
Vapor pressure (mm): N/AV
Vapor density (air=1): < 1 (WATER=1)
Evaporation rate: SLOW
Boiling point (OC): -100 C
Freezing point (°C): - 0 C
Solubility in water (20°C): DILUTABLE
Coefficient of water absorption (20°C): N/AV

SEC. 4 - FIRE AND EXPLOSION HAZARDS

Flammability: NO
If yes under what conditions? N/AP
Means of extinction: N/AP
Special procedures: KEEP CONTAINERS COOL WITH WATER SPRAY.

WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.
MATERIAL CAN SPLATTER ABOVE 100 DEG. C. POLYMER FILM CAN BURN.

Flash point (CC) & method: NON-COMBUSTIBLE

Upper explosion limit: N/AV

Lower explosion limit: N/AV

Autoignition temperature (°C): N/AV

Hazardous combustion products: CO, CO₂ AND NOX

EXPLOSION DATA

Sensitivity to mechanical impact: N/AP

Sensitivity to static discharge: N/AP

SEC. 5 - REACTIVITY DATA

Chemically stable? YES

If no under what conditions? NONE

Incompatibility to other substances: NO

If yes, which ones? NONE

Reactivity and under what conditions: N/AV

Hazardous decomposition products: N/AV

SEC. 6 - TOXICOLOGICAL PROPERTIES

Route of entry

Skin contact: N/AP

Eye contact: N/AP

Ingestion: N/AP

Skin absorption: N/AP

Inhalation acute: N/AP

Inhalation chronic: N/AP

Effects of acute exposure to material: N/AP

Effects of chronic exposure to material: N/AV

LD₅₀ of material (specify species and route): N/AV

LC₅₀ of material (specify species and route): N/AV - SEE SECTION II

Exposure limits: N/AV

Irritancy of material: N/AV

Sensitization of material: N/AV

Synergistic materials: N/AV

Carcinogenicity, reproductive effects, teratogenicity, mutagenicity: BASED ON AVAILABLE DATA FOR THE INGREDIENTS, NONE EXPECTED.

SEC. 7 - PREVENTIVE MEASURES

Personal Protective Equipment (PPE)

Gloves (specify type): WEAR VINYL OR BUTYL GLOVES

Eye (specify type): WEAR GOGGLES

Respiratory (specify): N/AP

Other: N/AP

Engineering controls (e.g. ventilation, enclosed process): N/AP

- Leak and spill procedures:

KEEP SPECTATORS AWAY.

DIKE AND SOAK UP SPILL WITH ABSORBENT, INERT MATERIAL.

FLOORS MAY BE SLIPPERY.

- Waste disposal:

SCOOP UP INTO CONTAINERS.

USE GOVERNMENT APPROVED WASTE DISPOSAL COMPANY FOR REMOVAL.

- Handling procedures and equipment:

PROVIDE ADEQUATE VENTILATION. AVOID CONTACT WITH SKIN AND EYES. AVOID SPILLAGE.

- Storage requirements:

MAX. 49 C/120 F. MIN. 5 C/41 F. STORE IN COOL PLACE. KEEP FROM FREEZING.

- Special shipping information:

KEEP FROM FREEZING.

SEC. 8 - FIRST AID MEASURES

EYES: FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

SKIN: REMOVE CONTAMINATED CLOTHING. "WASH SKIN WITH SOAP AND WATER".

INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

SEC. 9 - PREPARATION OF M.S.D.S.

Date prepared: OCTOBER 2006

Telephone number: (520) 682-8928

ADDITIONAL INFORMATION

W.H.M.I.S. CLASSIFICATION: NON-CONTROLLED

ALL INGREDIENTS IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) AND THE U.S. TOXIC SUBSTANCES CONTROL ACT LIST (TSCA).

SINCE EMPTY CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS DUE TO RESIDUAL VAPORS, LIQUID ETC., LABEL WARNINGS MUST BE FOLLOWED WHEN HANDLING THE EMPTY CONTAINERS

RESIDUAL MONOMER VAPORS CAN EVOLVE WHEN THIS PRODUCT IS HEATED DURING PROCESSING OPERATIONS. IN SUCH CASES USE LOCAL EXHAUST VENTILATION WITH A MINIMUM CAPTURE VELOCITY OF 30 M/MIN. AT THE POINT OF MONOMER EVOLUTION.

MOST PHYSICAL DATA HAS BEEN OBTAINED FROM THE FOLLOWING SOURCES:

1. CANADIAN CENTRE FOR OCCUPATIONAL HEALTH AND SAFETY (C.C.O.H.S.).
2. SAX, IRVING, DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS.
3. RAW MATERIAL SUPPLIERS M.S.D.S.

N/AV = NOT AVAILABLE

N/AP = NOT APPLICABLE

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