

MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS, AND RELATED MATERIALS

This MSDS sheet meets the requirements of the Federal OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION I

Product Name: **Rio Enamel Adhesive** Date of prep: November 11, 2008

SECTION II HAZARDOUS INGREDIENTS

Ingredient	% (optional)	CAS Number	OSHA PEL mg/m ³	ACGIH TLV-TWA mg/m ³
ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENOL		25213-24-6	N/A	N/A

SECTION III PHYSICAL DATA

Boiling Point (DEG F):	210 ⁰ F	Specific Gravity (Water=1):	1.05
Vapor Pressure (mm Hg):	1.1 @ 22 ⁰ C	Percent Volatile by Volume:	N/A
Vapor Density (Air=1):	1.0	Evaporation Rate Vs Ether:	LESS THAN
Solubility in Water:	YES		
Appearance and Odor:	CLEAR LIQUID		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): NON COMBUSTABLE Flammable Limits: N/A

Extinguishing Media: NON FLAMMABLE. AFTER WATER EVAPORATES, REMAINING WILL BURN

Special Fire Fighting Procedures: USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE

Unusual Fire and Explosion Hazards: SELF CONTAINED BREATHING APPARATUS SHOULD BE USED BY FIRE FIGHTERS; DRIED SOLIDS CAN BURN GIVING OFF OXIDES OF CARBON

SECTION V HEALTH HAZARD DATA

Effects of Overexposure:
INGESTION: LOW ACUTE ORAL TOXICITY
EYE CONTACT: SLIGHTLY IRRITATING TO EYES
SKIN CONTACT: MAY BE SLIGHTLY IRRITATING TO SKIN UPON REPEATED OR PROLONGED CONTACT
SKIN ABSORPTION: NOT LIKELY TO BE ABSORBED THROUGH SKIN IN TOXIC AMOUNTS.
INHALATION: NOT CONSIDERED A PROBLEM UNLESS HEATED TO HIGH TEMPERATURE.

Emergency First Aid Procedure:
SKIN CONTACT: WASH WITH SOAP AND WATER; WASH CLOTHES BEFORE REUSE.
EYE CONTACT: IRRIGATE WITH WATER FOR FIFTEEN MINUTES; CONSULT PHYSICIAN.
INHALATION: REMOVE TO FRESH AIR IF EFFECTS OCCUR; CONSULT PHYSICIAN.
INGESTION: SEEK MEDICAL ADVICE IMMEDIATELY

SECTION VI REACTIVITY DATA

Stability: STABLE UNDER NORNAL CONDITIONS
Incompatibility (Materials to Avoid): STRONG OZIDIZING AGENTS, PERCHLORATES, CONCENTRATED PEROXIDES
Hazardous Decomposition Products: DECOMPOSITION MAY PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE
Hazardous Polymerization: WILL NOT OCCUR
Conditions to Avoid: NONE KNOWN

SECTION VII SPILL OR LEAK PROCEDURE

Steps to be taken if Release or Spilled: ABSORB WITH INERT MATERIAL (SAND, VERMICULITE, ETC.), SWEEP OR SCOOP UP AND PUT IN DISPOSAL CONTAINER. FLUSH AREA IMMEDIATELY WITH PLENTY OF WATER; PREVENT WASHINGS FROM ENTERING WATERWAYS.

Waste Disposal Method: INCINERATE IN FURNACE OR BURY IN LANDFILL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH APPROVED ORGANIC VAPOR RESPIRATORS ARE ONLY REQUIRED WHEN VENTILATION IS INADEQUATE. NIOSH APPROVED AIR-LINE RESPIRATORS WITH AUXILIARY ESCAPE AIR TANKS OR SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED IN CONFINED SPACES.

Ventilation: LOCAL MECHANICAL EXHAUST.

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment: SAFETY SHOWER AND EYE BATH SHOULD BE PROVIDED. USE COVERALLS OR APRON TO PROTECT AGAINST SKIN AND CLOTHING CONTAMINATION.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Storage and Handling: PRACTICE REASONABLE CARE AND CLEANLINESS.

Other Precautions: AVOID GROSS CONTAMINATION OF SKIN. WASH SKIN WITH PLENTY OF SOAP AND WATER. USE WITH ADEQUATE VENTILATION. AVOID BREATHING VAPORS.

N/A INDICATES THAT THIS SPECIFICATION DOES NOT APPLY TO THIS PRODUCT

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