

# 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 <sup>3</sup>	ACGIH TLV-TWA mg/m <sup>3</sup>
ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENOL		25213-24-6	N/A	N/A

### SECTION III PHYSICAL DATA

Boiling Point (DEG F):	210 <sup>0</sup> F	Specific Gravity (Water=1):	1.05
Vapor Pressure (mm Hg):	1.1 @ 22 <sup>0</sup> 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

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## SECTION VII SPILL OR LEAK PROCEDURE

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**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.

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## SECTION VIII SPECIAL PROTECTION INFORMATION

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**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.

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## SECTION IX SPECIAL PRECAUTIONS

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**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.

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

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