

## MATERIAL SAFETY DATA SHEET

FOR COATINGS , RESINS AND RELATED MATERIALS

DATE OF PREPARATION-10/31/86

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MANUFACTURER'S NAME : RODDA PAINT COMPANY  
ADDRESS :  
ADDRESS : 6932 S.W. MACADAM AVENUE  
CITY, STATE : PORTLAND, OREGON 97219

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INFORMATION TELEPHONE NO. DAY: (503) 244-7512 NIGHT: (503) 645-5642

## SECTION I -- PRODUCT IDENTIFICATION

MANUFACTURER'S CODE IDENTIFICATION: 801 --  
PRODUCT CLASS: ALKYD ENAMEL  
TRADE NAME: QUICK DRYING EQUIPMENT ENAMEL - HORIZON GRAY  
HMIS INFORMATION \*\* HEALTH- 2 FLAMMABILITY- 3  
REACTIVITY- 0 PERSONAL PROTECTIVE EQUIPMENT- H

## SECTION II HAZARDOUS INGREDIENTS

INGREDIENT		% BY	TLV-(TWA)	VAPOR
MATERIAL DESCRIPTION	CAS#	WEIGHT	PPM MG/M3	PRESSURE
				MMHG @68DF
AL RESIN SOLUTION		50 - 100	250.00 NOT EST	1.0  50.00
OLEFIN POLYMER		.5 - 5	100.00 NOT EST	1.0  6.00
IRON OXIDE HYDRATE	1309-37-1	.5 - 5	(NOT EST) 15.00	
RUTILE TITANIUM DIOXIDE	13463-67-7	5 - 10	(NOT EST) 10.00	
PETROLEUM DISTILLATE	64742-89-8	25 - 35	300.00 1350.00	1.0  50.00
DI METHYL BENZENE	1330-20-7	5 - 10	100.00  435.00	1.0  6.00

## SECTION III PHYSICAL DATA

BOILING RANGE	HIGH 300.0	LOW 203.0
VAPOR PRESSURE	50.00	
VAPOR DENSITY	HEAVIER THAN AIR	
EVAPORATION RATE	FASTER THAN BUTYL ACETATE	
WEIGHT PER GALLON	7.70	
% VOLATILE BY VOLUME	71.14	
% VOLATILE BY WEIGHT	58.05	
APPEARANCE-ODOR-	GRAY LIQUID	

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION OSHA-CLASS IB DOT- FLAMMABLE LIQUID  
LOWEST FLASHPOINT T.C.C. 22.0 LOWER EXPLOSION LEVEL (LEL) 1.0

EXTINGUISHING MEDIA: (Yes)-FOAM (Yes)-ALCOHOL FOAM (Yes)-CO2  
(Yes)-DRY CHEMICAL (Yes)-WATER FOG (N/A)-OTHER

Blanket fire with one of the above extinguishing media.

UNUSAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (just residue) can ignite EXPLOSIVELY!

SPECIAL FIRE FIGHTING PROCEDURES: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. Self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode to protect against the hazardous effects of normal products of combustion or oxygen deficiency.

SECTION V -- HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: FOR PRODUCT-EYES: Can cause irritation, redness, tearing, blurred vision. SKIN: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

PRIMARY ROUTE(S) OF ENTRY: (Yes)-DERMAL (Yes)-INHALATION (Yes)-INGESTION

BREATHING: Excessive breathing of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation. SWALLOWING: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

EMERGENCY & FIRST AID PROCEDURES: SKIN- Wash exposed area with soap & water. EYES- Flush with large amounts of water. INGESTION- Do not induce vomiting- get medical attention! INHALATION- If affected, remove to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Get medical attention.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known.

SECTION VI -- REACTIVITY DATA

STABILITY: ( )-UNSTABLE (Yes)-STABLE

HAZARDOUS POLYMERIZATION ( )-MAY OCCUR (XXX)- WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS- Normal combustion forms carbon dioxide & water vapor; incomplete combustion can produce carbon monoxide.

CONDITIONS TO AVOID- Excessive temperatures.

INCOMPATIBILITY (MATERIALS TO AVOID)- Strong oxidizing agents (Nitric Acid, Permanganates, MEK Peroxide, Etc.)

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all ignition sources (flares, flames including pilot lights & electrical

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(s). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers. Prevent run-off to sewers, streams, or other bodies of water.

WASTE DISPOSAL METHOD: Destroy by liquid incineration. Material collected on absorbent material may be deposited in an approved toxic substance landfill in accordance with local, state, and federal regulations.

#### SECTION VIII--- SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: If TLV of the product or any component is exceeded, a NIOSH/MESA jointly approved self-contained breathing apparatus with a full face piece operated in pressure demand or other positive pressure mode is advised; however, OSHA regulations also permit other NIOSH/MESA respirators under specified conditions. (See your safety equipment supplier).

VENTILATION: Provide sufficient mechanical and/or local exhaust to maintain exposure below TLV(s).

EYE PROTECTION: Chemical splash goggles in compliance with OSHA regulations are advised.

PROTECTIVE GLOVES: Wear resistant gloves such as: BUNA-N.

OTHER PROTECTIVE EQUIPMENT: To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

HYGIENIC PRACTICES: Wash hands before eating or using washroom.

#### SECTION IX--- SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool, dry area. Keep away from heat, sparks, and open flame. Keep containers closed when not in use. Use only with adequate ventilation.

OTHER PRECAUTIONS: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet must be observed.

READ AND OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL!