

## MATERIAL SAFETY DATA SHEET

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FOR COATING, RESINS, AND RELATED MATERIALS

Date of Preparation- 10/10/07 Prepared by- CASEY TURNER

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Night:

## SECTION I PRODUCT IDENTIFICATION

Manufacturer's Code Identification: 08600

Product Class: GLOSS LATEX ENAMEL

Trade Name: ACRYLIC WATER BOURNE INDUSTRIAL ENAMEL

HMIS Information: Health- 2\*

Flammability- 2

Reactivity- 0

Personal Protective Equipment-

HAZARD INDEX: 4= Severe 3= Serious 2= Moderate 1= Slight 0= Least

= 3

## SECTION II HAZARDOUS INGREDIENTS

----- INGREDIENT -----

MATERIAL DESCRIPTION	CAS#	% BY WT.	ACGIH TLV(TWA) PPM	OSHA PEL PPM	VAPOR PRESSURE OTHER LIMITS
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13 DIETHYLENE GLYCOL	/112-34-5	/	1.54	/NOT EST/NOT EST/	.01
18 TITANIUM DIOXIDE	/13463-67-7	/	16.92	/NOT EST/NOT EST/	
21 DIPROPYLENE GLYCOL	/29911-28-2	/	2.99	/NOT EST/NOT EST/	2.2 .04
Dowanol DPNE Glycol eth.	/	/	/	/	/
% LEAD			.00		
% CHROMATE			.00		

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This product contains no reported carcinogens or suspected carcinogens.

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This product contains pigments which may become a dust nuisance when removed by abrasive blasting, sanding, or grinding.

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## SECTION III PHYSICAL DATA

Boiling Range: High- 454.0 F Low- 432.0 F

Vapor Pressure: .04 MMHG @68 F

Vapor Density: Heavier Than Air

Evaporation Rate: Slower than Butyl Acetate

Weight per Gallon: 10.0

% Volatile by Volume: 61.46

% Volatile by Weight: 50.68

VOC: 1.225

Physical State: LIQUID

Appearance: N/A

Odor: N/A

Odor Threshold: N/A

pH: N/A

Freezing Point: N/A

Water Solubility: N/A

Coefficient of Water/Oil Distribution: N/A

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## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flammability Classification : DOT- @  
Lowest Flashpoint TCC ^ Lower Explosion Level(LEL) [

Flammability Classification: Class 3B DOT: Not Regulated  
Lowest Flashpoint TCC: 220.0 F  
Explosion Level: Lower- 2.2 Upper- N/A  
Upper Flammability Limit: N/A  
Auto Ignition Temperature: N/A  
EXTINGUISHING MEDIA

Use CO2, Dry Chemical, or Foam extinguisher.

The National Fire Protection Association Class B extinguisher is designed to extinguish NFPA class 1B flammable liquid fires.

## SPECIAL FIRE FIGHTING PROCEDURES

Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

## UNUSUAL FIRE AND EXPLOSION HAZARD:

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed container may explode when exposed to extreme heat. Do not apply to hot surfaces. Never use welding or cutting torch on or near container (even empty) because product (even residue) may ignite explosively.

## HEAT PROTECTION PROCEDURES

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture.

## SECTION V HEALTH HAZARD DATA

## EFFECTS OF EXCESSIVE OVEREXPOSURE

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use.

Based on the presence of components (21) ingestion of this material may produce a sensation of hotness with vomiting, diarrhea, and nausea as symptoms.

Based on the presence of components (13) May cause lung injury.

Based on the presence of components (13) chronic overexposure to this product may cause kidney and liver injury.

Based on the presence of components (13) ingestion of this product will cause irritation of the gastrointestinal tract and may cause effects resembling those from inhalation of vapor.

Based on the presence of components (13,21) vapors of this product may cause irritation of the eyes, nose, throat, upper respiratory tract,

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mucous membranes, and skin.

Based on the presence of components (13,21) this product can be irritating to the eyes.

Based on the presence of components (13) this product may cause skin irritation and drying/defatting or cracking, and dermatitis on repeated or prolonged exposure to the skin.

this product can be absorbed through the skin causing organ damage.

## FIRST AID

EYE CONTACT: Flush with luke warm water for 15 minutes. Seek physician immediately.

SKIN CONTACT: Flush wash with copious amounts of luke warm water. Remove contaminated clothing promptly. Contact a physician immediately.

INHALATION: Remove exposed individual to fresh air. Restore breathing if required. Contact a physician immediately.

INGESTION: Rinse mouth immediately. Give exposed individual 6 to 8 ounces of liquid. (Never give anything by mouth to an unconscious person.) Do NOT induce vomiting unless advised by a physician. Contact a physician immediately.

## SECTION VI REACTIVITY DATA

## CONDITIONS TO AVOID

Avoid exposure to sparks, open flame, hot surfaces, and all sources of heat and ignition.

May produce hazardous fumes when heated to decomposition as in welding.

Fumes may contain carbon monoxide, carbon dioxide, and oxides of nitrogen.

## INCOMPATIBILITY (Materials to Avoid)

This product is incompatible with strong acids.

## STABILITY

This product is stable.

## HAZARDOUS POLYMERIZATION

Will not occur.

## SECTION VII SPILL OR LEAK PROCEDURES

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Stay upwind and away from spill unless wearing appropriate protective equipment. Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away. Ventilate area of spill. Use non-sparking tools for cleanup. Cover with inert material to reduce fumes. Keep out of drains, sewers, or waterways. Contact fire authorities. Notify local health and pollution control agencies. Call spill response teams if large spill.

## WASTE DISPOSAL METHOD

DO NOT FLUSH TO SEWER, WATERSHED, OR WATERWAY.

Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers.

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## SECTION VIII SAFE HANDLING AND USE INFORMATION

## DISCRETION ADVISED

Rose Talbert Paint Company takes no responsibility for determining what measures are required for personal protection in any specific application. The general information given should be used with discretion.

## PROTECTIVE GLOVES

Required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, buna N or nitrile. An apron should be worn to avoid skin contact.

## PROTECTIVE EYEWEAR

Avoid contact with eyes. Wear goggles if there is a likelihood of contact with eyes.

Eyewash stations and safety showers should be readily available in use and handling areas.

Use safety eyewear with perforated sideshields.

## RESPIRATORY PROTECTION

In outdoor or open areas use (NIOSH/MSHA approved) mechanical filter respirator to remove solid airborne particles of overspray during spray application. In restricted ventilation areas use (NIOSH/MSHA approved) chemical-mechanical filters designed to remove a combination of particulate and gas and vapor. In confined areas use (NIOSH/MSHA approved) air line type respirators or hoods. Respiratory protection may also be necessary in any later manufacturing operations in which the product may become airborne in the form of vapor or dust.

## VENTILATION

Use ventilation as required to control vapor concentrations. Avoid prolonged or repeated breathing of vapors. If exposure exceeds TLV, use a NIOSH-approved respirator to prevent overexposure. Provide general dilution or local exhaust ventilation in volume and pattern to keep TLV of the most hazardous ingredient in Section II below acceptable limit, LEL in Section IV below stated limit, and to remove decomposition products during welding or flame cutting on surfaces coated with this product.

## HYGIENIC PRACTICES

## WASH HANDS THOROUGHLY BEFORE EATING AND USING WASHROOM.

Remove contaminated clothing immediately and do not wear it until it has been properly laundered.

## SECTION IX SPECIAL PRECAUTIONS

## HANDLING AND STORING PRECAUTIONS

Keep product containers cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. Do NOT smoke in storage areas.

Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions

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given in this sheet must be observed.

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NOTICE - Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

## SECTION X Section 313 Toxic Chemicals

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

Chemical	CAS Number	Weight %
DIETHYLENE GLYCOL	112-34-5	1.54

THE INFORMATION CONTAINED HEREIN IS INFORMATION RECEIVED FROM OUR RAW MATERIAL SUPPLIERS AND OTHER SOURCES AND IS BELIEVED TO BE RELIABLE. THIS DATA IS NOT TO BE TAKEN AS A WARRANTY OR REPRESENTATION FOR WHICH ROSE TALBERT PAINT COMPANY ASSUMES LEGAL RESPONSIBILITY.