PRODUCT NAME:

COMPANY:

ECCOTHANE

PRODUCT I.D. NUMBER (PIN): N.A.

WHMIS CLASS: D2B DOT HAZARD CLASS:

Non-Hazardous

PRODUCT NUMBER: 00274

DOUCT USE: Urethane/acrylic polymer

floor finish

LEWIS COUNTY CHEMICAL DOT SHIPPING NAME:

P.O. BOX 901

N.A.

223 NW CHEHALIS AVE. CHEHALIS, WA 98532

EMERGENCY PHONE: (206) 748-0336

H.M.I.S.

		_ ·			
7	HEALTH	HAZARD RATING			
0	FIRE	4 = Extreme 3 = High			
0	REACTIVITY	2 = Moderate 1 = Slight 0 = Insignificant			
В	MAXIMUM PERSONAL PROTECTION	o-induces			

A = Goggles, B = Goggles & Gloves, C = Goggles, Gloves & Apron

ABBREVIATION KEY: N.A. = Not Applicable, N.E. = Not Established, N.D. = Not Determined SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

	HAZARDOUS CHEMICAL IDENTITY CAS		<u>NO.</u> <u>%</u>		<u>TLV</u>	LD50	LC50	
Tributionyethyl phosphate 78-51-3 1-5 N.E. N.E. N.E. N.D. N.D. N.D. Acrylic emulation polymer N.A. 10-30 N.E. N.E. N.E. N.D. N.D. N.D. N.D. N.D.	Water	7732-18-5	40-70	N.E.	N.E.	N.D.	N.D.	
Acrysic emulsion polymer  NA  10-30  NE  NE  NE  NE  ND  ND  ND  ND  ND  ND	Diethylene glycol monomethyl ether	111-77-3	3	N.E.	N.E.	9.21g/kg	N.D.	
Polyurethane emulsion NA 10-30 NE NE NE N.D. N.D.  This mixture contains 3% Diethylene glycol monomethyl ether which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment Reauthorization Act of 1988 and 40 CFR, Part 372.  SECTION 3 - PHYSICAL DATA  SECTION 3 - PHYSICAL DATA  Color and Odor. Milky - Bland Boiling Point: 32°F 0°C Vapor Pressure (mm HG): <0 ph; 8.5 - 9.5  Physical State: Liquid Freezing Point: 32°F 0°C Vapor Density (Air=1): <1 Specific Gravity: 1.028  Odor Threshold: N.A. Water/OII Distribution: N.A. Evaporation Rate (Nater=0.3): <0.4 Solubility in Water. Cor.  SECTION 4 - FIRE AND EXPLOSION HAZARD DATA  Flash Point and Method: N.A. LEL: N.A. UEL: N.A. Special Fire Fighting Procedures: None  Hazardous Combustion Products: N.A. LEL: N.A. UEL: N.A. Special Fire Fighting Procedures: None  None  SECTION 5 - REACTIVITY DATA  Chemical Stability: Yes X No Hazardous Decomposition of By-Products: None known Hazardous Polymerization: May Occur Will Not Occur X.  SECTION 6 - TOXICOLOGICAL PROPERTIES  Routes of Entry: Ingestion  Sensitization: Yes No X Medical Conditions Aggravated by Exposure: None known Medical Conditions Products: Protonged or repeated contact may cause irritation.  Self: Protonged or repeated contact may cause irritation. Ingestion: May cause gastrointestinal irritation, nausea, diarrhea. Inhalation: Protonged exposure in poorly ventilated area may irritate nasal mucous membranes.  SECTION 7 - PREVENTATIVE AND CONTROL MEASURES  Respiratory Protoction: None normally required with adequate room ventilation.  Ventilation: Local Exhaust: N.A. Mechanical: Acceptable	Tributoxyethyl phosphate	78-51-3	1-5	N.E.	N.E.			
This mixture contains 3% Diethylene glycol monomethyl ether which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment Reauthorization Act of 1988 and 40 CFR, Part 372.  SECTION 3 - PHYSICAL DATA  Color and Odor: Milky - Bland Boiling Point: 212*F 100*C Vapor Pressure (mm HG): <30 pH: 8.5 - 9.5 Physical State: Liquid Freezing Point: 32*F 0*C Vapor Density (Arri): <1 Specific Gravin: 1.028  Odor Threshold: N.A. Wester/Oil Distribution: N.A. Evaporation Rate (Nater-0.3): <0.4 Solubility in Water: Core SECTION 4 - FIRE AND EXPLOSION HAZARD DATA  Flash Point and Method: N.A. Autolgnition Temperature: N.A. Extinguishing Media: Use media proper to the primary cause of fire Special Fire Fighting Procedures: None  Hazardous Combustion Products: N.A. LEL: N.A. UEL: N.A. Special Fire Fighting Procedures: None  SECTION 5 - REACTIVITY DATA  Chemical Stability: Yes X No	Acrylic emulsion polymer	N.A.	10-30	N.E.	N.E.			
SECTION 3 - PHYSICAL DATA  Color and Odor: Milky - Bland Boiling Point: 212°F 100°C Vapor Pressure (mm HG): <30 pH: 8.5 - 9.5 Physical State: Uquid Freezing Point: 32°F 0°C Vapor Density (Air=1): <1 Specific Gravity: 1.028 Odor Threshold: N.A. SECTION 4 - FIRE AND EXPLOSION HAZARD DATA  Flash Point and Method: N.A. LEL: N.A. UEL: N.A. Extinguishing Media: Use media proper to the primary cause of fire Flanting Procedures: None  LEL: N.A. UEL: N.A. Special Fire Flatting Procedures: None  SECTION 5 - REACTIVITY DATA  Chemical Stability: Yes X No Hazardous Products: None known Hazardous Polymertzation: May Occur Will Not Occur X  SECTION 6 - TOXICOLOGICAL PROPERTIES  Routas of Entry: Ingestion Sensitization: Yes No X Medical Conditions Aggravated by Exposure: None known Medical Conditions Aggravated by Exposure: None Reproductive Toxicity: None  EFFECTS OF OVEREXPOSURE (Acute and/or Chronic): Eyes: Direct contact may cause irritation. Ingestion: May cause gastrointestinal irritation, nausea, diarrhea. Inhalation: Prolonged exposure in poorty ventilated area may irritate nasal mucous membranes.  SECTION 7 - PREVENTATIVE AND CONTROL MEASURES  Ventilation: Local Exhaust N.A. Mechanicat Acceptable  Ventilation: Local Exhaust N.A. Mechanicat Acceptable	Polyurethane emulsion	N.A.	10-30	N.E.	N.E.	N.D.	N.D.	
Color and Odor: Milky - Bland Boiling Point: 212*F 100*C Vapor Pressure (mm HG): <30 PH; 8.5 - 9.5 Physical State: Liquid Freezing Point: 32*F 0*C Vater/Oil Distribution: N.A Evaporation Rate (Water-0.3): <0.4 Solubility in Water: Cor SECTION 4 - FIRE AND EXPLOSION HAZARD DATA  Flash Point and Method: N.A Autoignition Temperature: N.A Extinguishing Media: Use media proper to the primary cause of fire Special Fire Fighting Procedures: None Hazardous Combustion Products: N.A LEL: N.A LEL: N.A UEL: N.A Special Fire Fighting Procedures: None  SECTION 5 - REACTIVITY DATA  Chemical Stability: Yes X No Incompatibility (Materials to Avoid): None known  SECTION 6 - TOXICOLOGICAL PROPERTIES  Routes of Entry: Ingestion Sensitization: Yes No _X  SECTION 6 - TOXICOLOGICAL PROPERTIES  Routes of Entry: Ingestion Sensitization: Yes No _X  Teratogenicity: None  Teratogenicity: None  Teratogenicity: None  Teratogenicity: None  Mutagenicity: None Reproductive Toxicity: None  EFFECTS OF OVEREXPOSURE (Acute and/or Chronic): Eyes: Direct contact may cause irritation. Ingestion: May cause gastrointestinal irritation, nausea, diarrhea. Inhalation: Prolonged exposure in poorty ventilated area may irritate nasal mucous membranes.  SECTION 7 - PREVENTATIVE AND CONTROL MEASURES  Respiratory Protection: None normally required with adequate room ventiliation. Ventilation: Local Exhaust  N.A  Mechanicat: Acceptable	This mixture contains 3% Diethylene g Reauthorization Act of 1986 and 40 CF	lycol monomethyl R, Part 372.	ether which is subject	to the reporting	requirements of Section	313 of Title III of t	he Superfund Amendments	
Physical State: Liquid			SECTION 3	- PHYSICA	L DATA			
Odor Threshold: N.A. Water/Oil Distribution: N.A. Evaporation Rata (Water=0.3): <0.4 Solubility in Water: Cor  SECTION 4 - FIRE AND EXPLOSION HAZARD DATA  Flash Point and Method: N.A. Autoignition Temperature: N.A. Extinguishing Media: Use media proper to the primary cause of fire Special Fire Fighting Procedures: None  LEL: N.A. UEL: N.A. Special Fire Fighting Procedures: None  Unusual Fire and Explosion Hazards: None  SECTION 5 - REACTIVITY DATA  Chemical Stability: Yes X No	Color and Odor: Milky - Bland	В	Boiling Point: 212°F 100°C		Vapor Pressure (mm H0	HG): <30	pH: 8.5 - 9.5	
Odor Threshold: N.A. Water/Oil Distribution: N.A. Evaporation Rata (Water=0.3): <0.4 Solubility in Water: Cor  SECTION 4 - FIRE AND EXPLOSION HAZARD DATA  Flash Point and Method: N.A. Autoignition Temperature: N.A. Extinguishing Media: Use media proper to the primary cause of fire Special Fire Fighting Procedures: None  LEL: N.A. UEL: N.A. Special Fire Fighting Procedures: None  Unusual Fire and Explosion Hazards: None  SECTION 5 - REACTIVITY DATA  Chemical Stability: Yes X No	Physical State: Liquid	F	reazing Point: 32°F 0°C				Specific Gravity: 1.028	
Flash Point and Method: N.A.  Autolgnition Temperature: N.A.  Extinguishing Media: Use media proper to the primary cause of fire Flammable Limits: N.A.  LEL: N.A.  L	•	v	Auter/Oil Distribution: N.A	L		Solubility in Water: Com		
Flammable Limits: N.A. LEL: N.A. UEL: N.A. Special Fire Fighting Procedures: None    Hazardous Combustion Products: N.A.   LEL: N.A. UEL: N.A.   Special Fire Fighting Procedures: None		SEC	TION 4 - FIRE AN	D EXPLOSION	ON HAZARD DATA			
Flammable Limits: N.A. LEL: N.A. UEL: N.A. Special Fire Fighting Procedures: None Unusual Fire and Explosion Hazards: None    SECTION 5 - REACTIVITY DATA	Flash Point and Method: N.A.	Α	utoignition Temperature:	N.A.	Extinguishing Media: U	se media proper to	the primary cause of fire.	
SECTION 5 - REACTIVITY DATA	Flammable Limits: N.A.	. u	EL NA UEL NA		* * * * * * * * * * * * * * * * * * * *			
Chemical Stability: Yes X No Hazardous Decomposition of By-Products: None known Hazardous Polymertzation: May Occur X Will Not Occur X SECTION 6 - TOXICOLOGICAL PROPERTIES  Routas of Entry: Ingestion Toxicologically Synergistic Products: None known Medical Conditions Aggravated by Exposure: None known Medical Conditions Aggravated by Exposure: None known Mutagenicity: None Reproductive Toxicity: None EFFECTS OF OVEREXPOSURE (Acute and/or Chronic): Eyes: Direct contact may cause irritation.  Sylin: Prolonged or repeated contact may cause irritation. Ingestion: May cause gastrointestinal irritation, nausea, diarrhea. Inhalation: Prolonged exposure in poorty ventilated area may irritate nasal mucous membranes.  SECTION 7 - PREVENTATIVE AND CONTROL MEASURES  Respiratory Protection: None normally required with adequate room ventilation. Ventilation: Local Exhaust: NA Mechanicat. Acceptable							18	
Chemical Stability: Yes X No Hazardous Decomposition of By-Products: None known Incompatibility (Materials to Avoid): None known SECTION 6 - TOXICOLOGICAL PROPERTIES  Routes of Entry: Ingestion Toxicologically Synergistic Products: None known Medical Conditions Aggravated by Exposure: None known Medical Conditions Aggravated by Exposure: None known Mutagenicity: None Reproductive Toxicity: None EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):  Eyes: Direct contact may cause irritation.  Ingestion: May cause gastrointestinal irritation, nausea, diarrhea.  Inhalation: Prolonged exposure in poorly ventilated area may irritate nasal mucous membranes.  SECTION 7 - PREVENTATIVE AND CONTROL MEASURES  Respiratory Protection: None normally required with adequate room ventilation.  Ventilation: Local Exhaust NA Mechanical: Acceptable			2527011 5	554550			<u>.</u>	
Incompatibility (Materials to Avoid): None known  SECTION 6 - TOXICOLOGICAL PROPERTIES  Routes of Entry: Ingestion  Sensitization: Yes No _X	<del></del>	<del></del>	SECTION 5	- REACTIVIT	IY DATA	<del> </del>		
SECTION 6 - TOXICOLOGICAL PROPERTIES  Routes of Entry: Ingestion Toxicologically Synergistic Products: None known  Sensitization: Yes No _X	Chemical Stability: Yes X No _		•		Hazardous Decomposition of By-Products: None known .			
Routes of Entry: Ingestion Toxicologically Synergistic Products: None known  Sensitization: Yes No _X	Incompatibility (Materials to Avoid): No	ne known 🗸			Hazardous Polymerization	on: May Occur _	Will Not Occur X	
Sensitization: Yes No _X Medical Conditions Aggravated by Exposure: None known  Carcinogenicity: None			SECTION 6 - TOXI	COLOGICAL	PROPERTIES			
Carcinogenicity: None Teratogenicity: None Mutagenicity: None Reproductive Toxicity: None  EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):  Eyes: Direct contact may cause irritation.  Skin: Prolonged or repeated contact may cause irritation.  Ingestion: May cause gastrointestinal irritation, nausea, diarrhea.  Inhalation: Prolonged exposure in poorly ventilated area may irritate nasal mucous membranes.  SECTION 7 - PREVENTATIVE AND CONTROL MEASURES  Respiratory Protection: None normally required with adequate room ventilation.  Ventilation: Local Exhaust: N.A. Mechanicat: Acceptable	Routes of Entry: Ingestion				Toxicologically Synergis	tic Products: None	a known	
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Respiratory Protection: None normally required with adequate room ventilation.  Ventilation: Local Exhaust: N.A		SECTION	ON 7 - PREVENTA	TIVE AND C	CONTROL MEASUR	FS	<del></del>	
	Barriedan Bartantian Marc 22-28			TITE AND			Machanianh Association	
	• •	venuauon: Local Exhaust N.A. Mechanical. Acceptable						

Protective Gloves: Rubber to protect sensitive skin.

Protective Clothing and Equipment: As needed to prevent wetting of clothing.

Storage Requirements: Store in cool, dry area. Follow good housekeeping practices.

Eye Protection: As required to prevent splashing into eyes. Work and Hygienic Practices: Wash thoroughly after use. Other Requirements: Keep out of the reach of children.

Steps To Be Taken If Material Is Spitled Or Released: Collect and reuse if possible. Flush to sewer with large quantities of water if permitted by regulatory authorities or absorb. on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways. Waste Disposal: Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

## SECTION 8 - EMERGENCY FIRST AID PROCEDURES

## FIRST AID - NOTES TO PHYSICIAN:

s: Flush with a large amount of water for 15 minutes holding eyelids open.

A: Wash with mild soap and water.

Ingestion: Give 2-3 large glasses of water. Seek medical attention.

Inhalation: Remove to fresh air and rest. In all cases, if symptoms persist, seek medical attention.

LEWIS COUNTY CREMICAL P.O. BOX 901 223 N.W. CHEHALIS AVE. CHEHALIS, WA 98532 (206) 748-0336

## SECTION 9 - PREPARATION INFORMATION

Prepared By: Regulatory Affairs Department

Date of Preparation: December, 1993