

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME : C₂ EXTERIOR LATEX STAIN

SUPPLIER:

THE COATINGS ALLIANCE
112 GENESSEE ST.
BUFFALO, NEW YORK 14203

INFORMATION: 888-989-4888
EMERGENCY: 888-989-4888
CANUTEC: 613-996-6666 (after hours)

PREPARATION DATE: April 10, 2001

PREPARED BY: Regulatory Dept.

SUPERCEDES: none

REASON: new

PRODUCT CODES: C5065,C5070, C5075, C5080, C5085

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

<u>CHEMICAL IDENTITY</u>	<u>CAS NUMBER</u>	<u>%(WT)</u>
Ethylene glycol	107-21-1	1 - 2
Water (non-hazardous ingredient)	7732-18-5	< 100

SECTION 3 - HAZARDS INFORMATION

SKIN CONTACT: none

SKIN ABSORPTION: none

EYE CONTACT: Irritating but will not injure eye tissue.

INHALATION: none

INGESTION: May cause nausea, vomiting.

SECTION 4 - FIRST AID MEASURES

SKIN CONTACT: Wash with water.

EYE CONTACT: Rinse with clean water for 15 minutes. Get medical attention if irritation persists.

INHALATION: Remove to fresh air.

INGESTION: Consult a physician.

SECTION 5 - FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY: Wet product is non-flammable, but dried film may burn if exposed to flame, but will not support combustion.

EXTINGUISHING MEDIA: not applicable

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, smoke.

SPECIAL FIRE FIGHTING PROCEDURES: not applicable

FLASH POINT (method): not applicable

UPPER FLAMMABILITY LIMITS (UEL): not applicable

LOWER FLAMMABILITY LIMITS (LEL): not applicable

AUTO-IGNITION TEMPERATURE: not applicable

SENSITIVITY TO MECHANICAL IMPACT: none

SENSITIVITY TO STATIC DISCHARGE: not applicable

SECTION 6 - HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: Keep from freezing.

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SECTION 7 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE OF A LEAK OR SPILL: Scoop up and return to original container, soak up residue with absorbent. Prevent from entering storm or sanitary sewers.

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SECTION 8 - EXPOSURE CONTROLS & PERSONAL PROTECTION

EXPOSURE LIMITS:	<u>CHEMICAL COMPONENT</u>	<u>OSHA/PEL</u>	<u>ACGIH/TLV</u>
	Ethylene glycol	C-50 ppm	C-100 mg/m ³
	Water (non-hazardous ingredient)	not applicable	not applicable

HAND PROTECTION: Not normally required.

EYE PROTECTION: Safety glasses or goggles.

RESPIRATORY PROTECTION: Combined dust and organic vapour canister when spraying or using in a poorly ventilated area.

BODY PROTECTION: No special clothing required.

FOOT PROTECTION: Safety shoes if handling pails.

VENTILATION CONTROLS: Good local ventilation, exhaust fans and/or open windows.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE (room temperature): liquid

ODOUR AND APPEARANCE: opaque liquid, mild odour

BOILING POINT - (centigrade): > 100°C

FREEZING POINT - (centigrade): < 0°C

PERCENT VOLATILE BY VOLUME: 62 - 72%

SPECIFIC GRAVITY: 1.2 - 1.4

EVAPORATION RATE (n-butyl acetate = 1): 0.36

VAPOUR PRESSURE: 2.3 KPa

VAPOUR DENSITY (air = 1): not applicable

pH: 8-9

COEFFICIENT OF OIL/WATER DISTRIBUTION: not determined

SOLUBILITY IN WATER: partially

COATINGS VOC (less water): 175 - 216 gm/L

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SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Very high temperatures

INCOMPATIBLE SUBSTANCES: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable

HAZARDOUS POLYMERIZATION: Will not occur

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SECTION 11 - TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE: none

EFFECTS OF CHRONIC EXPOSURE: none

IRRITANCY: May cause eye irritation.

SENSITIZATION: none

CARCINOGENICITY: not listed by OSHA, NTP or IARC

REPRODUCTIVE TOXICITY: none

TERATOGENICITY: Ethylene glycol has been shown to produce dose-related teratogenic effects in rats and mice when given at high concentrations or doses. However, there is no available information to suggest that ethylene glycol has caused birth defects in humans.

MUTAGENICITY: none

TOXICOLOGICALLY SYNERGISTIC PRODUCTS: none known

LD50 (mg/kg): not established

LC50 (ppm): not established

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SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXIC EFFECTS: No applicable data

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SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Approved waste disposal firm, in accordance with local, state and federal regulations.

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SECTION 14 - TRANSPORT INFORMATION

SPECIAL SHIPPING REQUIREMENTS: Keep from freezing.

DOT CLASSIFICATION: Not regulated

DOT SHIPPING NAME: Not regulated

UN NUMBER: Not regulated

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SECTION 15 - REGULATORY INFORMATION

TSCA (U.S.A.): All ingredients on TSCA inventory

OSHA HAZARD COMMUNICATION STANDARD (29CFR 1910.1200): This Material Safety Data Sheet has been prepared in compliance with the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is considered to be a non-hazardous substance under that standard.

CEPA (CANADA): All ingredients on DSL (Domestic Substances List)

WHMIS CLASSIFICATION (CANADA): Not a controlled product

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

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SECTION 16 - OTHER INFORMATION

CHEMICAL NAME: Water based stain

CHEMICAL FAMILY: Mixture

FORMULA: Not applicable

HMIS RATING: Health: 1 Flammability: 0 Reactivity: 0

(Scale: 4 = extreme; 3 = high; 2 = moderate; 1 = slight; 0 = insignificant)

PRODUCT USE: Decorative and/or protective coatings for wood substrates.

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DISCLAIMER: All information, recommendations and suggestions appearing herein concerning these products are based upon tests and data believed to be reliable. Therefore it is the user's responsibility to determine the safety and suitability for his or her own use of these products. Since the actual use or misuse is beyond the control of the manufacturer, no guarantee, expressed or implied, is made by the manufacturer as to the effects of such use, nor does the manufacturer assume any liability arising out of the use or misuse by others of this product.