

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME : C<sup>2</sup> PREMIUM EXTERIOR LATEX FLAT

**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:** June 2, 2000

**PREPARED BY:** Regulatory Dept.

**SUPERCEDES:** None

**REASON:** New

**PRODUCT CODES:** C5170, C5175, C5180, C5185

## SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

<u>CHEMICAL IDENTITY</u>	<u>CAS NUMBER</u>	<u>% (WT)</u>
Ethylene glycol	107-21-1	0.5 - 1.5
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 paint 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**

<b>EXPOSURE LIMITS:</b>	<b><u>CHEMICAL COMPONENT</u></b>	<b><u>OSHA/PEL</u></b>	<b><u>ACGIH/TLV</u></b>
	Ethylene glycol	C-50 ppm	C-100 mg/m <sup>3</sup>
	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:** 64 - 70%

**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):** 39 - 109 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 paint

**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 various substrates.

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