



Material Safety Data Sheet

Flex SuperCoat (AC-50) Clear Sealer

Section 1 - PREPARATION / PRODUCT INFORMATION

Product Name:	Flex SuperCoat (AC-50) Clear Sealer Gloss & Low Sheen
Canutec (24HR)	613-996-6666
Poison Control	800-268-9017
Product Use:	Sealant (industrial use only)
Manufacturer/Supplier:	Green Shield Floors Inc. 310 East Kent Avenue South, Suite 101 Vancouver, BC V5X 4N6
Website:	www.greenshieldfloors.com
Phone:	1-800-380-6747 North America 1-604-424-4460 Worldwide
Emergency Phone:	CANUTEC (613) 996-6666 (Collect) Poison Control: 800-268-9017
Date of Preparation:	December 14, 2011
Effective Date:	January 27, 2011
Prepared by:	Regulatory Department at Green Shield Floors Inc.

WHMIS: Health: 1

Flammability: 0

Reactivity: 0

Other: 0

Section 2 - INGREDIENTS / IDENTITY INFORMATION

COMPONENTS: CHEMICAL IDENTITY	EXPOSURE LIMITS: TLV	TOXICITY: LD50/LC40	AMOUNT: %
Acrylic Polymer	N/A	N/A	16 - 18
Urethane Polymer Not Hazardous	N/A	N/A	16 - 18
PROPYLENE GLYCOL(CAS#29387-86-8) MONOBUTYL ETHER	N/A	ORAL ACUTE 1900MG/KG(RAT)	4
DIPROPYLENE GLYCOL(CAS#34590948)	TWA:100 CEIL: 150PPM TWA:600 CEIL: 900 MG/M3	ACUTE:5380 MG/KG(RAT) ACUTE:9510MG/KG(RABIT)	4
Methyl-1-pyrrolidinone-2 (CAS#872-50-4)	N/A	ORAL/ACUTE:3914 mg/kg(RAT) DERMAL/ACUTE:8000mg/kg(Rabit)	1
Ammonia (CAS # 1336-21-6)	25 PPM TWA	350 MG/KG (ORL –RAT)	<.02

Section 3 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 100 C-184C	Specific Gravity: 1.02+-0.30,Kg/Litre
Vapor Pressure: 0.84 of mm Hg	Vapor Density (air=1): <1 water
Freezing Point: N/Av.	PH: 8.0 to 9.0
Evaporation Rate: <1 water	Solubility In Water: dilutable
VOC gr/liter: < 140	% Solids: 30
Appearance: Pigmented or Clear, milky liquid	Odour: ammoniac & glycoether



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Section 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (deg C) and Method: 75(PMCC). Combustibility: NO- COMBUSTIBILITY

Flammable Limits/% Volume in Air: LEL: 1.1% UEL:8.4%

Auto Ignition Temperature (deg C): 360

Extinguishing Media: Carbon Dioxide, Water Fog, Dry Chemical, and alcohol type or all purpose foam.

Special Fire Fighting Procedures: Wear self-contained Breathing Apparatus and approved protective clothing.

Ignitable: YES No: **X**

Unusual Fire and Explosion Hazards: None.

Section 5 - REACTIVITY DATA

Stable: x

Hazardous Polymerization: Will not occur

Incompatibility (Materials to Avoid): Oxidizing Agents

Conditions of Reactivity/Instability: Excessive heat, sparks, and open flames in the presence of oxidizing material

Hazardous Decomposition or Byproducts: Oxides of carbon (co, co2),

Section 6 - HEALTH HAZARD DATA

Primary Routes of Exposure

Inhalation: Nose and throat irritant

Skin Contact: Irritant

Skin Absorption: Repeated contact may cause dermatitis in sensitive individuals

Ingestion: May cause headache, nausea, vomiting and possible blood toxic.



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Eye Contact: Irritant

Health Hazards:

Acute: May cause eye and skin irritation, and sensitization

Chronic: None Known

Section 7 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Move to fresh air. Give oxygen if breathing is difficult

Ingestion: Do not induce vomiting. Obtain medical attention immediately

Eyes: Flush eyes with water for at least 15 minutes

Skin: Wash with mild soap and water

Section 8 - CONTROL MEASURES

Respiratory Protection: Use NIOSH approved respirator for organic vapors.

Ventilation: Local and mechanical exhaust is recommended to minimize exposure

Protective Gloves: Impervious gloves should be worn when handling this material

Eye Protection: Splash proof chemical goggles

Other Protective Clothing/Material/Equipment: Barrier Cream

Work/Hygienic Practices: Wash thoroughly after handling



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Section 9 - PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal Method: In accordance with all Federal, Provincial, State, and Local regulations.

Handling and Storage: Store in a cool, dry, well ventilated area, away from heat and ignition sources.

Spill and Leak Procedure: Avoid all personal contact. Take up with absorbent material. Flush area with water.

Other Precautions: Avoid contact with eyes, skin, or clothing. Avoid breathing vapor, mist, or spray.

Section 10 - OTHER INFORMATION

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