

MATERIAL SAFETY DATA SHEET**SECTION 1 — PRODUCT IDENTIFICATION**

Product identifier: 0116 – Proven Floor Finish **WHMIS Classification:** D2B
Product use: Floor Finish
Product Code Number: 56551 (860.56551)
MSDS Number: 0116

Supplier name and address: Proven Brand
a division of 1884318 Ontario Inc.
Hamilton, Ontario
1-855-574-5444

Manufacturer's name and address:
Refer to supplier

Emergency Telephone #: CANUTEC (613) 996-6666

SECTION 2 — CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>% (weight)</u>	LD₅₀	LD₅₀	LC₅₀
			<u>mg/kg</u> <u>oral/rat</u>	<u>mg/kg</u> <u>skin/rabbit</u>	<u>ppm</u> <u>inh/rat</u>
Diethylene Glycol					
Monoethyl Ether	111-90-0	1-5	5500	8500	n/av

SECTION 3 — HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Routes of entry: Inhalation, ingestion, skin and eye contact.

Signs and symptoms of short-term (acute) exposure:

Inhalation: Moderately irritating to the eyes, nose, throat and lungs. High concentration of vapours will cause irritation, or if inhaled as a mist. Excessive exposure may cause irritation to upper respiratory tract. (Nose and Throat). Ethylene Glycol butyl ether: In humans, symptoms may include headache. In animal, effects have been reported to the following organs: Blood (hemolysis), secondary effects to the kidney and liver. Human red blood cells have shown to be significantly less sensitive to hemolysis than those of rabbits or rats.

Skin contact: No irritation expected, mild irritation possible with prolonged and repeated skin contact. Prolonged and widespread skin contact may result in absorption of glycol ether component.

Eye contact: Causes mild irritation.

Ingestion: Will cause irritation to mouth, throat and stomach; will cause nausea, vomiting, cramps and diarrhea

Effects of long-term (chronic) exposure: Ethylene Glycol butyl ether: In long term animal studies, small but significant increases in tumors were observed in mice but not rats. The effects are not believed to be relevant to humans, If the material is handled in accordance to proper industrial handling, exposures should not pose a carcinogenic risk to man. Has been toxic to the fetus in lab animals at doses toxic to the mother. In animal studies, effects on reproduction have only been seen at doses that produced significant toxicity to the parent animal.

Other important hazards: None reported.

SECTION 4 — FIRST AID MEASURES

Inhalation: N/ap

Skin contact: Immediately wash affected area with soap and water. If irritation persists, contact a physician.

Eye contact: Flush immediately with cool water for at least 15 minutes while holding eyelids open to ensure complete rinsing. Remove contact lenses. Consult a physician immediately.

Ingestion: DO NOT INDUCE VOMITING. If victim is conscious, rinse mouth with water and drink one or two glasses of water. Contact a physician immediately. Never give anything by mouth to an unconscious person.

SECTION 5 — FIRE FIGHTING MEASURES

Fire hazards/conditions of flammability: Not flammable

Flash point (Method): None

Lower flammable limit (% by volume): N/ap

Upper flammable limit (% by volume): N/ap

Explosion data: Sensitivity to mechanical impact: N/ap

Sensitivity to static discharge: N/ap

Oxidizing properties: N/av

Auto-ignition temperature: N/ap

Suitable extinguishing media: Product is not combustible. Use extinguishing media appropriate for surrounding fire.

Special fire-fighting procedures/equipment: None

Hazardous combustion products: If exposed to high temperatures this product may produce carbon monoxide and carbon dioxide.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear adequate personal protective equipment.

Environmental precautions: No special precautions required.

Spill response/Cleanup: Recover and reuse as much of the product as possible.

Prohibited materials: None known.

SECTION 7 — HANDLING AND STORAGE

Safe handling procedures: Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Wash skin with soap and water after contact. Remove and launder contaminated clothing.

Storage requirements: KEEP OUT OF REACH OF CHILDREN. Keep containers closed. Keep from freezing.

Special packaging materials: Plastic containers.

SECTION 8 — EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering controls: General ventilation normally adequate

Respiratory protection: Not required under normal use conditions

Protective gloves: Rubber

Eye protection: Safety glasses

Other protective equipment: Not normally required.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical form, colour and odour: Milky white liquid, mild acrylic odour.

Odour threshold: n/ap

pH: 9.0 – 9.5

Boiling point: 100°C

Melting/freezing point: n/av

Vapour pressure: n/av

Solubility in water: Complete

Coefficient of oil/water distribution: n/av

Vapour density: N/ap

Specific gravity or relative density (water = 1): 1.015 – 1.02

Evaporation rate: N/av

Volatile organic compounds (VOC's): N/av

Percent Volatile by Weight: 15 (min)

SECTION 10 — REACTIVITY AND STABILITY DATA

Stability and reactivity: Stable

Conditions to avoid: None known

Materials to avoid: Strong acids, alkalies

Hazardous decomposition products: None known

SECTION 11 — TOXICOLOGICAL INFORMATION

LD₅₀: Not established for this product. See Section 2 for values for ingredients.

LC₅₀: Not established for this product. See Section 2 for values for ingredients.

Exposure limits: ACGIH-TLV:N/av

Carcinogenicity: No ingredient listed by IARC, ACGIH, NTP, or OSHA as carcinogens.

Teratogenicity, mutagenicity, other reproductive effects: There is no human or animal information available on teratogenicity, reproductive toxicity, or mutagenicity.

Sensitization to material: Not reported

Conditions aggravated by exposure: None known

Synergistic materials: n/av

SECTION 12 — ECOLOGICAL INFORMATION

Environmental effects: None known

SECTION 13 — WASTE DISPOSAL

Handling/Methods of Disposal: For small spills, absorb with suitable absorbent material and place in regular garbage. For large spills, dispose of in accordance to local, provincial/state and federal regulations.

SECTION 14 — TRANSPORTATION INFORMATION

Shipping description: TDG: Not regulated

Please note: This shipping description is of a general nature only. It does not consider package sizes, modes of transport and other specific circumstances. Appropriate regulations should be referenced, and handling for transportation of dangerous goods/hazardous materials should be performed by trained personnel only.

SECTION 15 — REGULATORY INFORMATION

WHMIS information: D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and this MSDS contains all the information required by the CPR.

SECTION 16 — OTHER INFORMATION

Prepared by: Armstrong Manufacturing Inc.

Telephone number: (905) 566-1395

Preparation date: October 1, 2013

References:

1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2003.
2. International Agency for Research on Cancer Monographs, Supplement 7, 1988.
3. Canadian Centre for Occupational Health and Safety. CHEMINFO database.
4. Material Safety Data Sheets from raw materials suppliers.

n/ap Not applicable

n/av Not available

MV/mt