

MATERIAL SAFETY DATA SHEET

**FC220 HARDWOOD & LAMINATE SHINE RESTORER
HIGH GLOSS**

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name: Hardwood & Laminate Shine Restorer High Gloss FC220

WHMIS Classification: D-2B

Chemical Family: Water Based Sealer

Product Use: Protect and restore shine on hardwood, laminate and engineered floors. Residential, commercial and institutional applications.

Distributor: FCS Solutions Ltd

Address: #71513, 12955-153 Avenue NW
Edmonton, AB T6V 0E3

Telephone: 1-780-487-3787, 1-877-288-3787

SECTION 2 – COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS#	Percent	CL ₅₀ / DL ₅₀
Diethylene glycol monoethyl ether	111-90-0	1 – 3	Oral (DL ₅₀): 10502 mg/kg (Rat)
Tributoxyethyl phosphate	78-51-3	1 – 3	Oral (DL ₅₀): 9490 mg/kg (Rat)

SECTION 3 – HAZARDS IDENTIFICATION

Emergency Overview: This product is a white translucent liquid. It is a mild irritant for eyes. If ingested, it may cause vomiting, headaches and medical problems.

Potential Health Effects:

Eyes: Contact with liquid may cause mild to moderate irritation.

Skin: Prolonged contact with skin can cause mild irritation.

Skin absorption: Prolonged or repeated exposure can cause irritation and drying.

Ingestion: Can cause nausea, vomiting and gastrointestinal irritation.

Chronic Effects:

Skin: Prolonged or repeated exposure can cause drying of skin.

SECTION 4 – FIRST AID MEASURES

Eye: Immediately flush with warm running water for 15 minutes, holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.

Skin: Immediately flush exposed area with mild soap and water for at least 10 minutes. If irritation persists or if contact has been prolonged, obtain medical attention. Remove contaminated clothing and laundry before reuse.

Inhalation: Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do Not Induce Vomiting. If the person is fully conscious, rinse mouth with water and drink a glass of water. Obtain medical attention immediately. Never give anything by mouth if the victim is unconscious, is rapidly losing consciousness or is convulsing.

SECTION 5 – FIRE FIGHTING MEASURES

Flammability: Not flammable.

Flash Point: (°F, °C, PMCC) None.

Auto-ignition Temperature: (°F, °C): Not applicable.

Flame propagation or Burning Rate of Solid Materials: Not applicable.

Sensitivity to static discharge: Not applicable.

Sensitivity to Mechanical Impact: Not applicable.

Extinguishing Media: Water fog, alcohol foam and dry chemical.

Unusual Fire and Explosion Hazards: None

Hazardous Decomposition Products: Oxides of carbon CO and CO₂.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedure: Evacuate area. Ventilate area. Collect for disposal. Clean up remaining materials from spill with suitable absorbent. Small spills may be absorbed with non-reactive absorbent (sand) and placed in suitable, covered, labeled containers. For large spills, provide diking or other appropriate containment to keep material from spreading. Prevent large spills from entering sewers or waterways. If diked material can be pumped, store recovered material in compatible drums for recovery or disposal. Observe all personal protection equipment recommendations.

SECTION 7 – HANDLING AND STORAGE

Storage Requirements: **Keep Out Of Reach Of Children.** Keep container tightly closed. Store in a cool, dry place away from incompatible materials. Keep from freezing.

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SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering controls: General ventilation is usually adequate.
Respiratory protection: Not normally required if good ventilation is maintained.
Eye protection: Use chemical safety glasses or full face shield.
Skin protection: Use impervious (rubber, nitrile) gloves.
Other protective clothing or equipment: Eye bath, Safety shower, Full protective clothing.
Work Hygienic practices: The usual precaution for the handling of chemicals must be observed.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Translucent white liquid.
Physical State: Liquid
Solubility in water: Soluble (100% in water)
Boiling point: 100°C / 212°F
Freezing point: 0°C
Odor: Low
PH: 8.0 – 8.5
Density: 1.03

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable
Conditions to avoid: Strong oxidizers.
Incompatible Materials: Strong oxidizers.
Hazardous Decomposition Products: Carbon oxides CO and CO₂.
Hazardous Polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Irritation: May cause irritation to the eyes upon contact.
Carcinogenicity: Non-Hazardous by WHMIS – OSHA criteria. Not listed by IARC, NTP or ACGIH.
Teratogenicity, Mutagenicity, Reproductive effects: No data available.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Meets ECOLOGO standards : Floor Finish CCD-147
Environmental Fate: All components are readily biodegradable as per OECD 301E.
VOC: < 70gr / liter

SECTION 13 – DISPOSAL CONSIDERATIONS

Review federal, provincial, state or local government requirements prior to disposal.

SECTION 14 – TRANSPORT INFORMATION

U.S. Department of Transportation (Road or rail): Not Regulated.
Canadian T.D.G.: Not Regulated
IMO Water Transportation: Not Regulated.
IATA Air Transportation: Not Regulated.
Heated transportation required if needed. Keep from freezing.

SECTION 15 – REGULATORY INFORMATION

Occupational Health & Safety Regulations:
WHIMS Classification: Not WHIMS controlled
Environmental Regulations Lists:
SARA: Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – None of the ingredients are listed.
Toxic Substance Control Act (TSCA): All the ingredients are listed on the Chemical Substance Inventory.
Canadian Non-Domestic Substance List (NDSL): All ingredients are listed.

SECTION 16 – OTHER INFORMATION

Shipping containers:
Polyethylene drums
Polyethylene pails and bottles

Date: January 1, 2018

Disclaimer: As the handling and use of products under user's conditions are beyond our control, no warranty, expressed or implied, including, but not limited to merchantability or fitness for a particular use, is made concerning this product. The user assumes all risk of use or handling whether or not in accordance with any directions or suggestions of the supplier. Seller shall not be liable to purchaser or any other person for loss or damages directly or indirectly arising from the use of our products, from breach of any warranty or from any other cause, the exclusive remedy against the seller being to require replacement or repair of defective goods.