

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: : Superflex
 Product Use: : Hardwood Floor Finish
 Supplier Name and Address: : Corporate Facility Supply
 7 Neilson Street
 St. Catharines, ON L2M 5V9

 Telephone: : (905) 682-8888
 Emergency Telephone: : CANUTEC (613) 996-6666

SECTION 2 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Physical State: Liquid
GHS Classification:
 Skin Irritation: Category 3
 Eye Irritation: Category 2B
 Acute Toxicity: Category 5
GHS Label Elements:
 Hazard Pictograms



Signal Word: Warning
Hazard Statements: H303 May be harmful if swallowed
 H315 Causes skin irritation
 H320 Causes eye irritation
Precautionary Statements:
Prevention
 P102 Keep out of reach of children
 P262 Do not get in eyes, on skin, or on clothing
 P284 In case of inadequate ventilation wear respiratory protection
Response
 P302 IF ON SKIN: Flush with plenty of water for at least 15 minutes
 P305 IF IN EYES: Flush with plenty of water for at least 15 minutes
 P332+P313 If skin irritation persists, get medical attention

Potential Health Effects:
 Inhalation : If misted, may cause irritation of mucous membranes and/or coughing
 Skin : Slightly irritating to the skin. May cause irritation of sensitive skin.
 Eyes : May cause irritating, watering of eyes and inflammation of conjunctiva.
 Ingestion : Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Aggravated Medical Condition
Symptoms of Overexposure

: None known
: See section 11.

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	Concentration [%]
Acrylic Polymer	Not available	50-60
Di(ethylene glycol) ethyl ether	111-90-0	5-10
N-Methylpyrrolidone	872-50-4	5-10
Isopropanol	67-63-0	1-5
Dibutyl Phthalate	84-74-2	1-5

SECTION 4 - FIRST-AID MEASURES

General Advice

: Move out of dangerous area
Consult a physician
Show this Safety Data Sheet to the doctor in attendance
May cause eye irritation with reddening and watering. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

Inhalation

: Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing and no pulse. Obtain medical attention immediately.

Skin Contact

: Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Discard or wash well before reuse. Seek medical attention if irritation develops/persists.

Eye Contact

: If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Get medical attention if irritation develops and persists. Rinse with water. Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Seek medical attention if irritation develops.

Ingestion

: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Seek medical attention, or contact poison control centre immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. IF SWALLOWED: immediately call a POISON CENTRE or doctor/physician.

Note to physicians

: Treat symptomatically

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards arising from the chemical	: Non-flammable
Special protective actions for fire-fighters	: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Additional advice	: None

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions	: Wear appropriate protective equipment.
Environmental precautions	: Prevent entry into sewers or streams. Dike if needed. The bacteria and carriers are naturally occurring and should not pose an environmental risk.
Methods and materials for containment/cleaning up	: Keep in suitable, closed containers for disposal.
Additional advice	: None

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling	: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.
Conditions for safe storage	: Keep out of reach of children. Do not freeze. Keep containers tightly closed in a dry, cool and well-ventilated place.
Other data	: Do not freeze.
Incompatible Materials	: Strong Acids

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diethylene Glycol Monoethyl Ether 111-90-0	TWA: 25ppm	-	-
Isopropanol 67-63-0	TWA: 200 [[m	980 mg/M3 400 ppm	-
Dibutyl Phthalate 84-74-2	TWA: 5mg/M3	TWA: 5mg/M3	TWA:5mg/M3

Appropriate engineering controls

Engineering Controls

Individual protection measures, such as personal protective equipment

Eye/face protection

Skin and body protection

Respiratory protection

General Hygiene

Provide adequate ventilation. Eyewash stations.

Wear approved safety goggles where a splash hazard exists.

Wear suitable protective clothing.

Ensure adequate ventilation, especially in confined areas.

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	: White liquid
Odor:	: Not determined
Odor Threshold:	: Not available
pH:	: Not available
Melting point/ freezing point:	: 0 °C Water
Initial boiling point and boiling range:	: 100 °C Water
Flash point:	: Non-flammable
Evaporation rate:	: <1 Water
Flammability (solid, gas):	: N/A Liquid
Upper/lower flammability or explosive limits:	: Not available
Vapour pressure:	: 17 mmHg @ 21°C
Vapour density:	: <1 Water
Relative density (g/mL):	: Not available
Water solubility:	: Soluble in water
Solubility in other solvents:	: Not available
Partition coefficient: n-octanol/water:	: Not available
Auto-ignition temperature:	: Not available
Decomposition temperature:	: Not available
Viscosity:	: Not available
Density (lbs/gal)	: Not available
Decomposition temperature	: Not available

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	: Not reactive under normal conditions.
Chemical Stability	: Stable under recommended storage conditions
Possibility of hazardous reactions	: None under normal processing
Conditions to avoid	: Keep out of reach of children.
Incompatible materials	: Strong acids.
Hazardous decomposition products	: None known based on information supplied

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	: Avoid breathing vapors or mists.
Eye contact	: Causes eye irritation.
Skin Contact	: Avoid contact with skin.
Ingestion	: Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Di(ethylene glycol) ethyl ether 111-90-0	= 1920 mg/kg (Rat)	= 4200 µL/kg (Rabbit) = 6 mL/kg (Rat)	> 5240 mg/m ³ (Rat) 4h
N-Methylpyrrolidone 8725-50-4	= 4150 mg/kg (Rat)	>5000 mg/kg (Rat)	> 5.1 mg/l (Rat) 4 h
Acrylic Polymer	> 5000 mg/kg (Rat)	-	-
Dibutyl Phthalate 84-74-2	= 8000 mg/kg (Rat)	>20860 mg/kg (Rat)	>4250 mg/m ³ (Rat)
Isopropanol	= 5840 mg/Kg (Rat)	> 12800 mg/Kg (Rabbit)	> 10000 ppm, 6h, Vapor rat

Information on toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms.
Delayed and immediate effects as well as chronic effects from short and long-term exposure	No Information available.
Sensitization	No Information available.

Germ cell mutagenicity
Carcinogenicity

No Information available.
This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

SECTION 12 - ECOLOGICAL INFORMATION

Product Information:

Toxicity: : Not available

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

Toxicology Data for Ingredients:

Isopropanol

Toxicity: : ErC50 green algae, static test, growth rate inhibition, 72 h: >1000 mg/L
LC50 fathead minnow, flow through test, 96h: 9640 mg/L
LC50 water flea, immobilization, 24 h: >1000 mg/L

Persistence and degradability: : Not available

Bioaccumulative potential: : 1.1 (Partition coefficient)

Mobility in soil: : Not available

Other adverse effects: : Not available

Di(ethylene glycol) ethyl ether

Toxicity: : 11400-15700: 96h Oncorhynchus mykiss mg/L
LC50 flow-through 11600-16700: 96h Pimephales promelas mg/L LC50 flowthrough 10000: 96 h
Lepomis macrochirus mg/L
LC50 static 19100 - 23900:96h Lepomis macrochirus mg/L LC50 flow-through 13400: 96 h Salmo gairdneri mg/L LC50 flow-through
3940 - 4670: 48 h Daphnia magna mg/L EC50

Persistence and degradability: : Not available

Bioaccumulative potential: : -0.8 (Partition coefficient)

Mobility in soil: : Not available

Other adverse effects: : Not available

N-Methylpyrrolidone

Toxicity: : ErC50 green algae, static test, growth rate inhibition, 72 h: >500 mg/L
LC50 Salo gairdneri, Static test, 96h: >500 mg/L
Activated sludge, EC50 (0.5h): >600 mg/l

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

Dibutyl Phthalate

Toxicity: : LC50 fathead minnow, flowthrough test, 96h: 0./85 mg/L
LC50 water flea, immobilization, 44 h 3.7 mg/L

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

Other adverse effects: : Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Product and Packaging : Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14 - TRANSPORT INFORMATION

UN Number : Not available
UN Proper Shipping Name : Not available
Transport hazard class(es) : Not available
Packing group, if applicable : Not available
Environmental hazards : Not available
Special precautions for user : Not Available
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not applicable

SECTION 15 - REGULATORY INFORMATION

WHMIS Status : Not known
WHMIS classification : Not known
DSL/NDSL : Not known

SECTION 16 - OTHER INFORMATION

Prepared by: Technical Services
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