

SAFETY DATA SHEET

Superflex

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name:	Superflex
Product Use:	Hardwood Floor Finish
Supplier Name and Address:	Corpack Canada 16 Seapark Drive, St. Catharines, ON L2M 6S6
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	: None known

SAFETY DATA SHEET

Superflex

Symptoms of Overexposure

: 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	: Remove to fresh air. If symptoms persist, call a physician.
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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.
Ingestion	: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.
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 Special protective actions for fire-fighters	: Non-flammable : 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 Environmental precautions	: Wear appropriate protective equipment. : Prevent entry into sewers or streams. Dike if needed. The bacteria and carriers are naturally occurring and should not pose an environmental risk.
---	--

SAFETY DATA SHEET

Superflex

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 : Provide adequate ventilation. Eyewash stations.
Individual protection measures, such as personal protective equipment
Eye/face protection : Wear approved safety goggles where a splash hazard exists.
Skin and body protection : Wear suitable protective clothing.
Respiratory protection : Ensure adequate ventilation, especially in confined areas.
General Hygiene : 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



SAFETY DATA SHEET

Superflex

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
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

SAFETY DATA SHEET

Superflex

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

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



SAFETY DATA SHEET

Superflex

Page 6 of 6

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
Telephone number: (905) 682-8888

Preparation date: January 2018

NOTICE: The data and information presented herein are based upon tests, research and reports which are considered by us to be reliable and believed to be accurate. The data and information are presented without warranty, guarantee or liability on our part, and are presented to the customer for his own consideration, investigation and verification. If user requires independent information on ingredients in this or any other material, we recommend contact with Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905 572-4400)