

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: : Diamond Guard
 Product Use: : Floor Sealer 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 2
 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 : May cause gastrointestinal upsets, nausea, and/or vomiting.
 Aggravated Medical Condition : None known

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	Concentration [%]	Trade Secret
Acrylic Copolymer	Not available	10-30	*
Tributoxyethyl Phosphate	78-51-3	0-5	*

* The exact percentage has been withheld as a trade secret

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
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.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Alcohol foam, carbon dioxide, dry chemical
Specific hazards arising from the chemical	: None known
Special protective actions for fire-fighters	: None
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**

: Vacuum or sweep up avoiding generation of mist. Place in suitable labeled containers and hold for waste disposal. Wash spill site with water.

Additional advice

: None

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling
Conditions for safe storage

: Use of nitrile gloves and eye protection is optional.
: Keep out of reach of children. Do not freeze. Store in a closed container away from incompatible materials as provided in Section 10.

Other data

: Do not freeze.

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name

2-(2-methoxypropoxy)propano
34590-94-8

ACGIH TLV

STEL: 150 ppm
TWA: 100 ppm
S*

Exposure guidelines noted for ingredient(s).

OSHA PEL

TWA: 100 ppm
TWA: 600 mg/m³
(vacated) TWA: 100 ppm
(vacated) TWA: 600 mg/m³
(vacated) STEL: 150 ppm
(vacated) STEL: 900 mg/m³
(vacated) S*

NIOSH IDLH

IDLH: 600 ppm
TWA: 100 ppm
TWA: 600 mg/m³
STEL: 150 ppm
STEL: 900 mg/m³

Zinc oxide
1314-13-2

STEL: 10 mg/m³ respirable
fraction
TWA: 2 mg/m³ respirable fraction

TWA: 5 mg/m³ fume
TWA: 15 mg/m³ total dust
TWA: 5 mg/m³ respirable fraction
(vacated) TWA: 5 mg/m³ fume
(vacated) TWA: 10 mg/m³ total
dust
(vacated) TWA: 5 mg/m³
respirable fraction
(vacated) STEL: 10 mg/m³ fume

IDLH: 500 mg/m³
Ceiling: 15 mg/m³ dust
TWA: 5 mg/m³ dust and fume
STEL: 10 mg/m³ fume

NIOSH IDLH Immediately Dangerous to Life or Health

Other Information

Vacated limits revoked by the Court of Appeals decision in
AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Showers, Eyewash stations & Ventilation systems.

Engineering Controls

Individual protection measures, such as personal protective equipment

No Information available. Avoid contact with eyes.
No Information available. Wear impervious protective
clothing, including boots, gloves, lab coat, apron or coveralls,
as appropriate, to prevent skin contact.

Eye/face protection

Skin and body protection

If exposure limits are exceeded or irritation is experienced,
NIOSH/MSHA approved respiratory protection should be
worn. Positive-pressure supplied air respirators may be
required for high airborne contaminant concentrations.
Respiratory protection must be provided in accordance with
current local regulations.

Respiratory protection

General Hygiene

Handle in accordance with good industrial hygiene and safety
practice.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

: Opaque, white liquid

Odor:

: Slight ammonia

Odor Threshold:

: Not available

pH:	: 8.5-9.5
Melting point/ freezing point:	: 0 °C
Initial boiling point and boiling range:	: >=100 °C (@76mm Hg)
Flash point:	: >93 °C
Evaporation rate:	: Not available
Flammability (solid, gas):	: Not available
Upper/lower flammability or explosive limits:	: Not available
Vapour pressure:	: Not available
Vapour density:	: Not available
Relative density (g/mL):	: 1.055
Water solubility:	: Not available
Solubility in other solvents:	: Not available
Partition coefficient: n-octanol/water:	: Not available
Auto-ignition temperature:	: Not available
Decomposition temperature:	: Not available
Viscosity:	: <100 cP @25°C
Density (lbs/gal)	: 8.80
Decomposition temperature	: 7.85

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	: No data available
Chemical Stability	: Stable under recommended storage conditions
Possibility of hazardous reactions	: None under normal processing
Conditions to avoid	: Extremes of temperature and direct sunlight
Incompatible materials	: Not known based on information supplied
Hazardous decomposition products	: None known based on information supplied

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	No data available. Avoid breathing vapors or mists.
Eye contact	No data available. Avoid contact with eyes.
Skin Contact	Avoid contact with skin. Causes mild skin irritation.
Ingestion	May be harmful if swallowed. Do not taste or swallow. Not an expected route of exposure.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Tributoxyethyl Phosphate 78-51-3	= 3 g/kg (Rat)	> 16 mL/kg (Rabbit)	> 6.4 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms	No Information available.
Delayed and immediate effects as well as chronic effects from short and long-term exposure	
Sensitization	No Information available.
Germ cell mutagenicity	No Information available.
Carcinogenicity	No Information available.
Reproductive toxicity	No Information available.
STOT - single exposure	No Information available.
STOT - repeated exposure	No Information available.
Target organ effects	Central nervous system, EYES, Respiratory system.
Aspiration hazard	No Information available.
Numerical measures of toxicity - Product Information	
Unknown Acute Toxicity	0% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	4,550.00 mg/kg
ATEmix (dermal)	21,272.00 mg/kg
ATEmix (inhalation-dust/mist)	162.39 mg/l

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:

Tributoxyethyl Phosphate

Toxicity:	: LC50 flow-through (Fish) 10.4 - 12.0: 96 h Pimephales promelas mg/L LC50 Not available
Persistence and degradability:	: Not available
Bioaccumulative potential:	: 4.78 (Partition coefficient)
Mobility in soil:	: Not available
Other adverse effects:	: Not available

[2-(2-Methoxymethylethoxy) methylethoxy]-propanol

Toxicity:	: LC50 (Fish) 11619: 96 h Pimephales promelas mg/L EC50 (crustacea) 10: 48 h Daphnia magna mg/L
Persistence and degradability:	: Not available
Bioaccumulative potential:	: Not available
Mobility in soil:	: Not available
Other adverse effects:	: Not available

2-(2-methoxypropoxy)propanol

Toxicity:	: LC50 (Pimephales promelas) 10000: 96 h mg/L LC50 (Daphnia magna) 1919: 48 h mg/L
Persistence and degradability:	: Not available
Bioaccumulative potential:	: -0.064 (Partition coefficient)
Mobility in soil:	: Not available
Other adverse effects:	: Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Product	: Sanitary sewer or dry absorbent if available. For large quantities, contact local environmental department or government authorities Do not dispose in drains, waterways, or soil Do not contaminate ponds, or ditches with chemical or the used container
----------------	---

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 DSL/NDSL	: Not known : Complies (Canadian Domestic Substances List/ Non-Domestic Substances List)

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)