

## IDENTIFICATION

**PRODUCT NAME:** ADHL-XGUARD

**MANUFACTURER/SUPPLIER:** Adhesiveslab 235 Rayette Rd, Unit #4 Concord, Ontario Canada L4K 2G1 24  
**HOURLY EMERGENCY NUMBER:** 1-800-340-7697  
**APPLICATION AND USE:** Water based protective treatment sealer for plain, coloured or stained concrete surfaces.  
**PRODUCT DESCRIPTION:** Single component (Water Based) high gloss sealer.

## HAZARDS IDENTIFICATION

### GHS CLASSIFICATION

- Acute toxicity, oral (Category 4)
- Skin irritant, (Category 2)
- Eye irritant, (Category 2)
- Reproductive toxicity (Category 1)

**SIGNAL WORD** .....  
**WARNING**



### HAZARD STATEMENTS

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H320 Causes eye irritation.
- H335 May cause respiratory irritation.
- H361 Suspected of damaging fertility or the unborn child.

## PRECAUTIONARY STATEMENTS

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#### PREVENTION

- P280 Wear protective gloves/clothing/eye protection.  
P270 Do not eat, drink or smoke when using this product.  
P260 Do not breathe mist/vapours

#### RESPONSE

- P302+P362+P352 IF ON SKIN: Take off contaminated clothing. Wash with plenty of water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
P304+P340 IF INHALLED: Remove person to fresh air and keep comfortable for breathing.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

**OTHER HAZARDS**

Immediately seek medical advice or attention if symptoms are significant or persist.

**COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredients	%	C.AS. #	LD/50, Route, Species	LC/50, Route, Species
Dipropylene Glycol Methyl ether	3-7	34590-94-8	5130 mg/ Kg (Oral-Rat) 9500 mg/ Kg (Dermal Rabbit)	>500 ppm (Inhalation. -Rat)
Diethylene Glycol Monoethyl ether	1-5	111-90-0	7500 mg/ Kg (Oral-Rat) 10300 mg /Kg (Dermal Rabbit)	Not available
Dibutyl Phthalate	0.5-1.	84-74-2	8000 mg/ Kg (Oral-Rat)	4250 mg/m <sup>3</sup> (Inhalation-Rat)

**SAFETY DATA SHEET****FIRST-AID MEASURES****FIRST-AID MEASURES****EYE CONTACT**

Immediately flush eyes with water for 15 minutes holding open eyelids. Seek immediate medical attention if irritation persists.

**SKIN CONTACT**

Flush with large amounts of water. Use mild soap if available. Remove severely contaminated clothing (including shoes) and wash before reuse.

**INHALATION**

Remove victim to fresh air if inhalation of mist occurs.

**INGESTION**

If victim is still conscious, give 2 glasses of water. Seek immediate medical attention. Never give anything by mouth to an unconscious person.

**ADDITIONAL INFORMATION**

In all cases, if irritation persists seek medical attention.

**MOST IMPORTANT SYMPTOMS/ EFFECTS, ACUTE OR DELAYED**

May cause skin and eye irritation.

**IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

Get medical attention if symptoms occur.

## FIRE-FIGHTING MEASURES

### GENERAL FIRE HAZARDS

This product is non-combustible, but if temperatures are high enough it will boil until water is driven off then the remaining resin solids will burn.

### SUITABLE EXTINGUISHING MEDIA

Treat for surrounding materials. Use water to extinguish fire of polymer solids.

### UNSUITABLE EXTINGUISHING MEDIA

No data available.

### SPECIAL PROTECTION EQUIPMENT FOR FIRE FIGHTERS

A self-contained breathing apparatus should be used for all indoor fires.

### HAZARDOUS COMBUSTION PRODUCTS

Toxic gases may be formed during fire, fumes, carbon oxides.

## ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Area of spill will be slippery. Use care to avoid falling. Stop leak and isolate spill. Do not get in eyes, skin or clothing. Use appropriate personal protection equipment (PPE).

### ENVIRONMENTAL PRECAUTIONS

Do not flush spilled product into storm sewers, sanitary sewers, or water courses.

### CONTAINMENT AND CLEAN UP

Soak up the product with dry sand, earth or some other inert materials.

## HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use. Empty product containers may contain product residue. Do not reuse to store foodstuffs or drinking water under any conditions.

### CONDITIONS FOR SAFE STORAGE

Do not allow this product to freeze. Store under normal warehouse conditions. Protect from freezing (min/max: 5/30°C)

## EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:	ACGIH OEL	OSHA PEL	AIHA WEEL
DIPROPYLENE GLYCOL METHYL ETHER ...	TWA 100 ppm (Skin) STEL 150 ppm (Skin)	N/Av	N/Av
DIETHYLENE GLYCOL MONOETHYL ETHER	N/Av	N/Av	140 mg/ m <sup>3</sup> (25 ppm)
DIBUTYL PHTHALATE	5 mg/ m <sup>3</sup>	5 mg/ m <sup>3</sup>	N/Av

### APPROPRIATE ENGINEERING CONTROL

General dilution and local exhaust as necessary to control airborne vapours or mists below appropriate airborne concentration standards/guidelines.

### PERSONAL PROTECTIVE

#### EQUIPMENT

#### EYE / TYPE

Chemical safety goggles with side shields if a splash hazard exists.

### RESPIRATORY PROTECTION

For operations where inhalation exposure can occur, a NIOSH approved respirator may be necessary.

### SKIN PROTECTION/ GLOVES/ CLOTHING

Wear suitable gloves, PVC or nitrile rubber. Wear adequate protective clothes.

### OTHER/TYPE

Portable eye wash stations should be made available at all jobs sites.

## PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE .....	Liquid
APPEARANCE .....	Milky White Liquid
ODOUR .....	Slight Ammonia Odour
ODOUR THRESHOLD .....	Not available
pH LEVEL .....	9.25
EVAPORATION RATE (n-Butyl Acetate=1) ...	Not Available
BOILING POINT .....	>100°C (212°F)
FREEZING POINT .....	0°C (32°F)
FLASH POINT (deg C), METHOD.....	Non-combustible
FLAMMABLE LIMITS IN AIR .....	Not applicable
AUTO IGNITION TEMPERATURE (deg C) ...	Not applicable
VAPOUR PRESSURE .....	Not available
VAPOUR DENSITY (Air=1) .....	>1.0
SOLUBILITY IN WATER .....	Infinite
SPECIFIC GRAVITY @20°C (68°F) .....	1.02-1.03
VISCOSITY (Brookfield) .....	10 cPs
% VOLATILE .....	78-85%
V.O.C. Content .....	< 350 grams/ L

## STABILITY AND REACTIVITY

### REACTIVITY

No data available.

### CHEMICAL STABILITY

Material is stable under normal use conditions.

### POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous polymerization will not occur under normal conditions.

### CONDITIONS TO AVOID

Do not allow the product to freeze.

### INCOMPATIBLE MATERIALS

Avoid contact with acidic or basic compounds.

### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides (CO, CO<sub>2</sub>), smoke.

## TOXICOLOGICAL INFORMATION

### ACUTE ORAL TOXICITY (LD50)

Refer to Section 3.

### EXPOSURE ROUTES/ SYMPTOMS AND EFFECTS INGESTION

May be ingested by accident. Slightly toxic. May produce signs of intoxication characterized by dizziness, drowsiness, headache, nausea, mental confusion, possible slurred speech and stupor depending on the quantity of material ingested. Severe kidney damage results upon ingestion of large volumes of the product.

### INHALLATION

This product is water based and has very low volatility. No health hazard from inhalation of vapour under normal conditions of use. However, breathing of mist may be irritating to the nose and throat. Avoid all inhalation of mist.

### EYE CONTACT

Irritating, causing redness and swelling of the conjunctiva after severe exposure.

### SKIN CONTACT

Brief contact is not irritating but continuous exposure may irritate the skin. Prolonged or widespread skin contact may result in the absorption of potentially harmful amounts of material.

### CARCINOGENICITY OF MATERIAL

This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.

## MUTAGENICITY

Not applicable.

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Not applicable.

## REPRODUCTIVE EFFECTS

This material contains small amounts of Dibutyl Phthalate which is suspected of damaging the fertility or the unborn child.

## ECOLOGICAL INFORMATION

### ECOTOXICITY

No data available.

### PERSISTENCE AND DEGRADABILITY

This product is not expected to persist in the environment.

### BIOACCUMULATIVE POTENTIAL

No data available.

### MOBILITY IN THE SOIL

No data available.

## DISPOSAL CONSIDERATIONS

### PRODUCT DISPOSAL

Recover and recycle if possible. Otherwise: incineration in a permitted facility.  
Spilled material and water rinses waste must be disposed of in accordance with current, local, provincial and federal regulations. Do not allow product to enter sewers, streams or lakes.

### WASTE DISPOSAL

Empty, dry containers of this product can be disposed of as normal garbage.

## TRANSPORTATION INFORMATION

### Domestic/International Regulation

#### TDG

Not Regulated

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the

composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.