



**Material Safety Data Sheet
ZeraPrime W-60**

PRODUCT INFORMATION

Manufacturer: Zeraus Products Inc.
250 Rayette Road, Unit 18
Concord, Ontario L4K 2G6

PRODUCT INFORMATION

Product Identifier: ZeraPrime W-60

Application and Use: Water based two-component acrylic concrete primer

Product Description: Clear acrylic primer. It can be applied by brush, roller, or spraying.

HAZARD RATING SYSTEM (USA):

Health: 1

Flammability: 0

Reactivity: 0

WHMIS Classification (Canada):

Class D, Division 2, Subdivision A

Class D, Division 2, Subdivision B

TRANSPORTATION OF DANGEROUS GOODS INFORMATION: Not Regulated

EMERGENCY TELEPHONE NUMBERS

Business: (905) 761-9920

24 Hours: (416) 574-5154

LABEL PRECAUTIONS

MILD EYE IRRITANT. REPRODUCTIVE TOXIN.

Keep container closed.

Wash thoroughly after handling

Avoid breathing vapours

Avoid contact with eyes, skin and clothing

Keep away from children

HAZARDOUS INGREDIENTS

This material contains no ingredients requiring disclosure under regulatory hazard criteria for this jurisdiction .

PHYSICAL DATA

Physical State: Liquid

Specific Gravity: 1.06

Vapour Pressure: 18.52 mmHg @21C

Solubility in Water: Dispersible

Boiling Point: >100C

Freezing/Melting Point: <0C

Viscosity: 100 CPS

Vapour Density (Air=1) : >1.0

Odour: Characteristic ammonia odour

Appearance: Clear

POTENTIAL HEALTH EFFECTS

Effect of Overexposure:

INHALATION:

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 nose and throat. Avoid all inhalation of mist.

EYE CONTACT: Will irritate eyes.

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.

INGESTION: Slightly toxic. May produce signs of intoxication characterized by in coordination, 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 this product.

Chronic Health Hazard: This product contains no listed carcinogen. It may cause adverse reproductive effects

FIRST AID MEASURES

INHALATION: Remove victim to fresh air if inhalation of mist occurs. If adverse effects are experienced see physician.

EYE CONTACT: Holding eyelids apart and immediately flush eyes with plenty of water for at least 20 minutes. Remove contact lenses.

SKIN CONTACT: wash affected area immediately with soap and water.

INGESTION: If swallowed, call the physician immediately. Give 2 glasses of water. Prevent aspiration of vomit. Never give anything by mouth to an unconscious person.

PREVENTIVE MEASURES

PERSONAL PROTECTION: Workmen should avoid all contamination of eyes and skin. Wear safety glasses with side shields and protective latex gloves. Where the possibility of the inhalation of mist exists workmen should wear the appropriate respirator.

ENGINEERING CONTROLS: Not necessary under normal conditions of use. If application is in an area with no ventilation some passive ventilation should be provided.

ACCIDENTAL RELEASE MEASURES

PROCEDURE IN CASE OF LEAKS:

Area of spill will be slippery. Use care to avoid falling. Do not flush product into storm sewers, sanitary sewers, or water courses. Soak up product with sand, earth or some other inert material. Dispose of in accordance with all federal, provincial and municipal regulations.

ENVIRONMENTAL PRECAUTIONS: The product is toxic to aquatic life in liquid form. Avoid discharge to sewers or waterways.

SPILL CONTROL AND DISPOSAL: Dispose of sand and rinse water according to municipal, provincial or federal laws for disposal of chemicals.

HANDLING AND STORAGE

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

STORAGE: Do not Freeze. Keep away from oxidizers. Product may partially freeze with extended exposure to cold temperatures. Product should be stored at temperature above 15 C.

FIRE AND EXPLOSION DATA

FLASH POINT: Non-Combustible

EXTINGUISHING MEDIA: Product does not burn. Aqueous solution is not flammable.

GENERAL 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. Toxic gases may be generated during fire.

FIRE FIGHTING: Use water to extinguish fire of polymer solids. A self contained breathing apparatus should be used for all indoor fires.

HAZARDOUS COMBUSTION PRODUCTS: No known unusual hazards in fire situation.

REACTIVITY DATA

GENERAL: This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: Do not contaminate product with any acidic or basic compounds. Do not allow product to freeze.

HAZARDOUS DECOMPOSITION: None.

PREPARATION

Prepared By: A. Zaghoul
Zeraus Products Inc.
124 Connie Crescent, Unit 3
Concord, Ontario L4K 1L7
February 2010



Material Safety Data Sheet
ZeraTuf W-XL

PRODUCT INFORMATION

Manufacturer: Zeraus Products Inc.
124 Connie Crescent, Unit 3
Concord, Ontario L4K 1L7

PRODUCT INFORMATION

Product Identifier: ZeraTuf W-XL

Application and Use: Water based two-component aliphatic polyurethane coating

Product Description: Waterborne polycarbodimide crosslinker

HAZARD RATING SYSTEM (USA):

Health: 1

Flammability: 0

Reactivity: 0

WHMIS Classification (Canada):

Class D, Division 2, Subdivision A

Class D, Division 2, Subdivision B

TRANSPORTATION OF DANGEROUS GOODS INFORMATION: Not Regulated

EMERGENCY TELEPHONE NUMBERS

Business: (905) 761-9920

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LABEL PRECAUTIONS

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HAZARDOUS INGREDIENTS

Ingredients	CAS#	% (weight)	LD/50 Route/Species
Multifunctional polycarbodimide	NA	50-70%	NA
Diethyl glycol monoethy ether	111-90-0	20-30%	LD50 5500 mg/kg (Rat-Oral)

PHYSICAL DATA

Physical State: Liquid

Specific Gravity: 1.0

Vapour Pressure: 18.52 mmHg @21C

Solubility in Water: Dispersible

Boiling Point: NA

Freezing/Melting Point: <0C

Viscosity: 20 CPS

Vapour Density (Air=1) : >1.0

Odour: Slight amine odour

Appearance: Clear liquid

POTENTIAL HEALTH EFFECTS

Effect of Overexposure:

INHALATION:

Harmful and irritant

EYE CONTACT: Eye irritant

SKIN CONTACT: Slightly irritant. Prolonged skin contact may cause allergic skin reaction

INGESTION: Moderate toxicity

Others: Suspected of damaging fertility or unborn child

FIRST AID MEASURES

INHALATION:

If affected, move to fresh air. Take a rest with the posture that is easy to breath. In case of have a headache and cough, pain in the throat, nausea, seek medical advice.

EYE CONTACT: Immediately flush with large amount of water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention.

SKIN CONTACT: Take off immediately all polluted clothes. Wash exposed area with soap and large amount of water. In case of irritation to skin and develop a rash, seek medical advice. Wash hands thoroughly after handling.

INGESTION: Gargle with water and then take two glasses of water or milk to induce vomiting if you have a clear sensorium. Get immediate medical attention. In case of afflicted person is unconscious, don't give some drink

PREVENTIVE MEASURES

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PREPARATION

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Zeraus Products Inc.
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December 2011