

SECTION 2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION OF HAZARDOUS PRODUCT:

Serious eye damage/irritation (Category 2A)
Acute Toxicity, Dermal (Category 5)

HAZARD AND PRECAUTIONARY STATEMENTS:

H313 May be harmful in contact with skin
H319 Causes serious eye irritation

P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/eye protection.
P305 + P351 + P338 **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P337 + P313 **If eye irritation persists:** Get medical advice/attention.
P302 + P352 **IF ON SKIN:** Wash with plenty of water.
P333 + P313 **If skin irritation or rash occurs:** Get medical advice/attention.
P304 + P340 **IF INHALED:** Remove person to fresh air and keep comfortable for breathing.
P301 + P312 **IF SWALLOWED:** Call a POISON Center/doctor/...if you feel unwell.
P330 Rinse mouth.
P362 + P364 Take off contaminated clothing and wash before reuse.
P391 Collect spillage.
P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.

OTHER HAZARDS KNOWN:

None known

GHS SPECIAL LABELING:

None known

SECTION 1.

PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER	PP-B100 A
OTHER MEANS OF IDENTIFICATION	NONE
RECOMMENDED USE:	CONCRETE FLOOR COATING
MANUFACTURED BY:	PUREPOXY 500 DELAWARE AVE, STE 1 #1960 WILMINGTON, DE 19899
E-MAIL ADDRESS :	WWW.PUREPOXY.COM
PREPARED BY:	THE HEALTH, SAFETY AND ENVIRONMENTAL DEPARTMENT OF PUREPOXY
TELEPHONE NUMBER OF PREPARER:	438-492-4450
EMERGENCY TELEPHONE NUMBER:	24-HOUR EMERGENCY TELEPHONE NUMBER CANADA (CANUTEC) : (613) 996-6666

SECTION 3.

COMPOSITION / INFORMATION ON INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION (%)</u>
4-METHYL-1, 3-DIOXOLAN-2-ONE	108-32-7	1-10 %
SILICON DIOXIDE AMORPHOUS	112945-52-5	< 1 %

GHS LABEL ELEMENTS

Hazard Pictograms/symbols



SIGNAL WORD: WARNING

SECTION 4.

FIRST AID MEASURES

INHALATION	IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING.
INGESTION	IF SWALLOWED: RINSE MOUTH. CALL A POISON CENTER/DOCTOR/...IF YOU FEEL UNWELL.
SKIN CONTACT	IF ON SKIN: WASH WITH PLENTY OF WATER. IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.
EYE CONTACT	IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO SO. CONTINUE RINSING. IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

MOST IMPORTANT SYMPTOMS AND EFFECTS (ACUTE AND DELAYED):

Prolonged or repeated contact may cause skin irritation with local redness. May cause eye irritation. Corneal injury is unlikely.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Provide general supportive measures and treat symptomatically.

GENERAL INFORMATION:

If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure the medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

SECTION 5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:

Suitable extinguishing media: In case of fire: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂)

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this might spread the fire.

SPECIFIC HAZARDS ARISING FROM THE HAZARDOUS PRODUCT:

During fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTING:

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing. Avoid contact with this material during fire-fighting operations. If contact is likely, change to full chemical resistant fire-fighting clothing with self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Isolate area. Keep unnecessary and unprotected personnel away. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillage cannot be contained. For personal protection, see section 8 of the SDS.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Soak up with inert absorbent material and dispose of as hazardous waste. For waste disposal, see section 13 of the SDS.

ENVIRONMENTAL PRECAUTIONS:

Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in cool and dry, under well-ventilated conditions. Keep container closed when not in use. Store away from incompatible materials (see Section 10 of the SDS).

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS (BIOLOGICAL LIMIT VALUES OR EXPOSURE LIMIT VALUES AND SOURCE OF THOSE VALUES) EXPOSURE LIMITS

CAS 108-32-7	NO EXPOSURE LIMITS NOTED FOR THE INGREDIENT(S)
CAS 112945-52-5	NO EXPOSURE LIMITS NOTED FOR THE INGREDIENT(S)

ENGINEERING CONTROLS:

Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines.

PERSONAL PROTECTIVE EQUIPMENT:

Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator. Wear appropriate chemical resistant protective gloves. Wear tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists. Wear appropriate protective clothing. When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Eyewash fountains and safety showers are recommended in the work area.

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY:

This product is stable and non-reactive under normal conditions of use, storage and transport.

CHEMICAL STABILITY:

This product is stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

This product will polymerize if mixed with an isocyanate. Considerable heat can evolve.

CONDITIONS TO AVOID:

Avoid temperatures exceeding the flash point. Avoid unintended contact with isocyanates.

INCOMPATIBLE MATERIALS:

Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS:

Unknown.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE/ APPEARANCE/ COLOR:	LIQUID, CLOUDY YELLOW
ODOUR:	ODORLESS TO MILD
ODOUR THRESHOLD:	NOT AVAILABLE
PH:	NOT AVAILABLE
MELTING/FREEZING POINT:	NOT AVAILABLE
INITIAL BOILING POINT/RANGE:	NOT AVAILABLE
FLASH POINT (CLOSED CUP):	> 93 °C
EVAPORATION RATE:	NOT AVAILABLE
FLAMMABILITY (SOLIDS AND GASES):	NOT AVAILABLE
UPPER AND LOWER FLAMMABILITY/EXPLOSIVE LIMITS	NOT AVAILABLE
VAPOUR PRESSURE:	NOT AVAILABLE
VAPOUR DENSITY:	NOT AVAILABLE
RELATIVE DENSITY:	1.032 (G/ML)
SOLUBILITY IN WATER:	INSOLUBLE
VISCOSITY:	3000 - 4000 CPS
PARTITION COEFFICIENT-N -OCTANOL/WATER:	NOT AVAILABLE
AUTO-IGNITION TEMPERATURE:	NOT AVAILABLE
DECOMPOSITION TEMPERATURE:	NOT AVAILABLE
VOC:	< 10 G/L
OTHER:	NONE KNOWN

SECTION 11. TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE (INHALATION, INGESTION, SKIN AND EYE CONTACT):

May be harmful in contact with skin. Causes serious eye irritation.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

To the best of our knowledge, the symptoms related to chemical, physical, and toxicological properties have not been thoroughly investigated.

DELAYED AND IMMEDIATE EFFECTS (CHRONIC EFFECTS FROM SHORT- TERM AND LONG-TERM EXPOSURE):

Skin Sensitization – No data available;

Respiratory Sensitization – No data available;

Germ Cell Mutagenicity – No data available;

Carcinogenicity – No ingredient listed by IARC, ACGIH, NTP or OSHA;

Reproductive Toxicity – No data available;

Specific Target Organ Toxicity - Single Exposure – No data available;

Specific Target Organ Toxicity - Repeated Exposure – No data available;

Aspiration Hazard – No data available;

Health Hazards Not Otherwise Classified – No data available;

NUMERICAL MEASURES OF TOXICITY (ATE; LD50 & LC50):

CAS 108-32-7 LD₅₀, Oral - Rat >5000mg/kg

LD₅₀, Dermal - Rabbit >2000 mg/kg

CAS 112945-52-5 No data available

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY (AQUATIC AND TERRESTRIAL INFORMATION): NOT HAZARDOUS TO AQUATIC LIFE.

PRODUCT	SPECIES	RESULT
CAS 108-32-7	LC ₅₀ CYPRINUS CARPIO (CARP) EC ₅₀ DAPHNIA MAGNA (WATER FLEA)	> 1000 MG/L - 96 H
CAS 112945-52-5	NO DATA AVAILABLE	> 1000 MG/L - 48 H

MOBILITY IN SOIL:

Not enough data available.

OTHER ADVERSE EFFECTS:

No data available.

PERSISTENCE AND DEGRADABILITY:

Not enough data available.

BIOACCUMULATIVE POTENTIAL:

Not enough data available.

SECTION 13. DISPOSAL CONSIDERATIONS

INFORMATION ON SAFE HANDLING FOR DISPOSAL/METHODS OF DISPOSAL/CONTAMINATED PACKAGING:

Dispose of contents/container into safe container in accordance with local, regional or national regulations.

SECTION 14. TRANSPORT INFORMATION

UN NUMBER; PROPER SHIPPING NAME; CLASS(ES); PACKING GROUP (PG) OF THE TDG REGULATIONS:

Not classified as a dangerous good under transport regulations.

UN NUMBER; PROPER SHIPPING NAME; CLASS(ES); PACKING GROUP (PG) OF THE IMDG (MARITIME):

Not classified as a dangerous good under transport regulations.

UN NUMBER; PROPER SHIPPING NAME; CLASS(ES); PACKING GROUP (PG) OF THE IATA (AIR):

Not classified as a dangerous good under transport regulations.

SPECIAL PRECAUTIONS (TRANSPORT/CONVEYANCE):

None.

ENVIRONMENTAL HAZARDS (IMDG OR OTHER):

None.

BULK TRANSPORT (USUALLY MORE THAN 450L IN CAPACITY):

Possible.

SECTION 15. REGULATORY INFORMATION

SAFETY/HEALTH CANADIAN REGULATIONS SPECIFICS:

Refer to section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).

ENVIRONMENTAL CANADIAN REGULATIONS SPECIFICS:

Refer to section 3 for ingredient(s) of the DSL.

SAFETY/HEALTH/ENVIRONMENTAL OUTSIDE REGULATIONS SPECIFICS:

None



POLYUREA BASE COAT CLEAR

PP-B100 A

Date of latest revision of the safety data sheet: 23 November 2016

Disclaimer:

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END OF S.D.S.