Safety Data Sheet



Issue Date: 21-May-2013 Revision Date: 13-Mar-2014 Version 1

1. IDENTIFICATION

Product Name PC CONCRETE EPOXY, PART B

MSDS # 130521-38-CA

UN/ID No UN1760

Recommended Use Adhesives.

Supplier Address

Protective Coatings Co. 221 S Third St.

Allentown, PA 18102 USA

Company Phone Number 610-432-3543 / 800-220-2103

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Causes severe skin burns and eye damage May cause an allergic skin reaction Contains a known or suspected reproductive toxin

May be harmful if swallowed

Appearance Black paste Physical State Paste. Odor Slight amine

Potential Health Effects

Acute Toxicity

Eyes Causes severe eye damage.

Skin Contact causes severe skin irritation and possible burns.

Inhalation May cause irritation if inhaled.

Ingestion May be harmful if swallowed. Ingestion may cause irritation to mucous membranes.

Chronic effects No known effect based on information supplied.

Symptoms May cause respiratory irritation. May cause skin and eye irritation. Ingestion may cause

severe burns to mouth, throat or stomach.

Aggravated Medical Conditions None known.

Environmental Hazard See Section 12: ECOLOGICAL INFORMATION

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|--------------------------------------|------------|----------|
| Water | 7732-18-5 | 59.1 |
| Liquid polyamide resin | 68082-29-1 | 10-30 |
| Nonyl phenol | 84852-15-3 | 3-7 |
| 2,4,6-tri(dimethylaminomethyl)phenol | 90-72-2 | 3-7 |
| Silica, Quartz | 14808-60-7 | 1-5 |
| Ethylene glycol | 107-21-1 | 0.1-1.0 |

4. FIRST-AID MEASURES

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing. Immediate medical attention is required.

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Skin Contact Wash with soap and water. Remove and wash contaminated clothing before reuse. If skin

irritation or rash occurs: Get medical advice/attention.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give

oxygen. Get medical attention.

Ingestion Do not induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious

person. Call a poison center or doctor/physician if you feel unwell.

Notes to Physician Skin and eye conditions may be aggravated by long term exposure.

5. FIRE-FIGHTING MEASURES

Flammable properties Not flammable.

Flash Point $> 200 \, ^{\circ}\text{F} \, / \, > \, 93 \, ^{\circ}\text{C}$

Suitable Extinguishing Media Dry chemical, CO2 or water spray.

Hazardous Combustion Products Carbon monoxide. Carbon dioxide (CO2). Aldehydes. Nitrogen oxides (NOx).

Explosion Data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Do not release runoff from fire control

methods to sewers or waterways. NFPA Class IIIB.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Wear protective gloves/protective clothing and eye/face protection. Remove any

contaminated clothing and wash thoroughly before reuse.

Environmental Precautions See Section 12 for additional Ecological Information.

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-UpDispose of contents/container to an approved waste disposal plant.

7. HANDLING AND STORAGE

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray. Wear appropriate personal protective equipment. Wash face, hands, and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Component | ACGIH TLV | OSHA PEL | NIOSH IDLH | Canada - Alberta - Occupational Exposure Limits - Ceilings | Canada - British Columbia - Occupational Exposure Limits - Ceilings | Canada - Manitoba - Occupational Exposure Limits - Ceilings | Canada - New Brunswick - Occupational Exposure Limits - Ceilings | Canada - Newfoundland & Labrador - Occupational Exposure Limits - Ceilings |
|------------------------------------|-----------|---|--|---|---|--|--|---|
| Silica, Quartz 14808-60-7 (1 | | (vacated) TWA: 0.1 mg/m³ respirable dust : (30)/(%SiO2 + 2) mg/m³ TWA total dust : (250)/(%SiO2 + 5) mppcf TWA respirable fraction : (10)/(%SiO2 + 2) mg/m³ TWA respirable fraction | respirable dust TWA: 0.05 mg/m³ respirable dust | TWA: 0.025 mg/m³ | TWA: 0.025 mg/m ³ | · | - | • |
| Ethylene glycr 107-21-1 (0.1-4 | | (vacated) Ceiling: 50 ppm (vacated) Ceiling: 125 mg/m³ | - | Ceiling: 100 mg/m ³ | TWA: 10 mg/m ³ STEL: 20 mg/m ³ Ceiling: 100 mg/m ³ Ceiling: 50 ppm | 100 mg/m ³ Ceiling | 100 mg/m ³ Ceiling | 100 mg/m ³ Ceiling |

| Component | Canada - Northwest Territories - Occupational Exposure Limits - Ceilings | Canada - Nova Scotia - Occupational Exposure Limits - Ceilings | Canada - Nunavut - Occupational Exposure Limits - Ceilings | Canada - Ontario - Occupational Exposure Limits - Ceilings | Canada - Prince Edward Island - Occupational Exposure Limits - Ceilings | Canada - Quebec - Occupational Exposure Limits - Ceilings | Canada - Saskatchewan - Occupational Exposure Limits - Ceilings | Canada - Yukon - Occupational Exposure Limits - Ceilings |
|---|--|---|---|---|--|--|--|---|
| Ethylene glycol 107-21-1 (0.1-1.0) | 50 ppm Ceiling 127 mg/m ³ Ceiling | 100 mg/m ³ Ceiling | 50 ppm Ceiling 127 mg/m ³ Ceiling | 100 mg/m ³ Ceiling | 100 mg/m ³ Ceiling | 50 ppm Ceiling 127 mg/m ³ Ceiling | 100 mg/m ³ Ceiling | - |

Other Information

If product is sanded, appropriate respirator should be worn to avoid breathing dust. Pre-existing respiratory disorders may be aggravated by exposure. If sanded, this material may generate silica / titanium dust. Inhaled silica / titanium has been classified by IARC as a human carcinogen (see section 11).

Engineering Controls

Provide general or local exhaust ventilation if product is sanded or ground.

Personal protective equipment (PPE)

Skin and Body Protection

Wear protective gloves and protective clothing.

Eye/Face Protection Respiratory Protection Wear protective eyeglasses or chemical safety goggles.

Ensure adequate ventilation, especially in confined areas. If engineering controls do not maintain airborne concentrations below recommended exposure limits, a NIOSH/MSHA

approved respirator must be worn.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling

product. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Paste

Appearance Odour Black paste Not determined **Odour Threshold** Not determined Colour Not determined

Property Values Remarks • Method

Ha Not determined **Melting Point/Freezing Point** Non disponible **Boiling Point/Boiling Range** Not determined

Flash Point > 93 °C / > 200 °F

Evaporation Rate Not determined Flammability (Solid, Gas) Not determined **Upper Flammability Limits** Not determined **Lower Flammability Limit** Not determined **Vapour Density** Not determined **Relative Density** Not determined **Vapour Pressure** Not determined Water Solubility Insoluble in water

Solubility in other solvents alcohols

Partition Coefficient Not determined **Auto-ignition Temperature** Not determined **Decomposition Temperature** Not determined **Kinematic Viscosity** Not determined **Dvnamic Viscosity** Not determined **Explosive Properties** Not determined **Oxidising Properties** Not determined Density 8.4 lbs./ gallon

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Incompatible Materials Strong acids, peroxides, and other oxidizing agents.

Conditions to Avoid None known based on information supplied.

Hazardous Decomposition Products None known based on information supplied.

Hazardous Polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

Inhalation May cause irritation if inhaled.

Eye Contact Causes severe eye damage.

Skin Contact Causes severe skin burns.

Ingestion May be harmful if swallowed. Ingestion may cause irritation to mucous membranes.

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------------------------|--------------------|-----------------------|-----------------|
| 1-(2-Aminoethyl) piperazine | = 2140 mg/kg (Rat) | = 880 mg/kg (Rabbit) | |
| Nonyl phenol | = 580 mg/kg (Rat) | = 2031 mg/kg (Rabbit) | |
| 2,4,6-tri(dimethylaminomethyl)phen ol | = 1000 mg/kg (Rat) | = 1280 mg/kg (Rat) | |
| Silica, Quartz | = 500 mg/kg (Rat) | | |
| Ethylene glycol | = 4000 mg/kg (Rat) | = 9530 μL/kg (Rabbit) | |

Chronic toxicity

Carcinogenicity

Silica (quartz) is a possible carcinogen when it appears as a respirable dust.

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| Chemical Name | ACGIH | IARC | NTP | OSHA |
|----------------|-------|---------|-------|------|
| Silica, Quartz | A2 | Group 1 | Known | X |

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Sensitization May cause an allergic skin reaction.

Reproductive toxicity Suspected of damaging fertility or the unborn child.

Target organ effects None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

.

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|-----------------------------|------------------------------------|-------------------------------------|-------------------------------|
| 1-(2-Aminoethyl) piperazine | 495: 72 h Pseudokirchneriella | 1950 - 2460: 96 h Pimephales | 32: 48 h Daphnia magna mg/L |
| | subcapitata mg/L EC50 | promelas mg/L LC50 flow-through | EC50 |
| | | 1000: 96 h Poecilia reticulata mg/L | |
| | | LC50 semi-static 100: 96 h | |
| | | Oncorhynchus mykiss mg/L LC50 | |
| | | semi-static | |
| Nonyl phenol | 0.36 - 0.48: 96 h | 0.135: 96 h Pimephales promelas | 0.14: 48 h Daphnia magna mg/L |
| | Pseudokirchneriella subcapitata | mg/L LC50 flow-through 0.1351: 96 | EC50 |
| | mg/L EC50 static 0.16 - 0.72: 72 h | h Lepomis macrochirus mg/L LC50 | |
| | Pseudokirchneriella subcapitata | flow-through | |
| | mg/L EC50 static 1.3: 72 h | | |
| | Desmodesmus subspicatus mg/L | | |
| | EC50 | | |

Ethylene glycol 6500 - 13000: 96 h 41000: 96 h Oncorhynchus mykiss 46300: 48 h Daphnia magna mg/L Pseudokirchneriella subcapitata EC50 mg/L LC50 14 - 18: 96 h Oncorhynchus mykiss mL/L LC50 mg/L EC50 static 27540: 96 h Lepomis macrochirus mg/L LC50 static 40761: 96 h Oncorhynchus mykiss mg/L LC50 static 40000 - 60000: 96 h Pimephales promelas mg/L LC50 static 16000: 96 h Poecilia reticulata mg/L LC50 static

Mobility

| Chemical Name | Partition Coefficient |
|-----------------|-----------------------|
| Ethylene glycol | -1.93 |

13. DISPOSAL CONSIDERATIONS

Disposal of WastesContact your supplier or a licensed contractor for detailed recommendations. Disposal

should be in accordance with applicable regional, national and local laws and regulations.

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Contaminated Packaging Do not reuse container.

| Chemical Name | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|------------------------------|------|---------------------------|------------------------|------------------------|
| Nonyl phenol - 84852-15-3 | | Included in waste stream: | | |
| | | K060 | | |
| 2,4,6-tri(dimethylaminomethy | | Included in waste stream: | | |
| l)phenol - 90-72-2 | | K060 | | |

14. TRANSPORT INFORMATION

DOT Consumer commodity (If shipped in NON BULK packaging by ground transport)

UN1760

Proper Shipping Name Corrosive Liquids, n.o.s (aminoethylpiperazine, nonylphenol)

Hazard Class 8
Packing Group III

IATA

UN1760

Proper Shipping Name Corrosive Liquids, n.o.s (aminoethylpiperazine, nonylphenol)

Hazard Class 8
Packing Group III

<u>IMDG</u>

UN/ID No UN1760

Proper Shipping Name Corrosive Liquids, n.o.s (aminoethylpiperazine, nonylphenol)

Hazard Class 8
Packing Group III

Marine Pollutant This product contains a chemical which is listed as a marine pollutant according to

IMDG/IMO

TDG

UN/ID No UN1760

Proper Shipping Name Corrosive Liquids, n.o.s (aminoethylpiperazine, nonylphenol)

Hazard Class 8
Packing Group III

15. REGULATORY INFORMATION

International Inventories

| Chemical Name | TSCA | DSL | NDSL | EINECS | ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|--|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Water | Present | Χ | | Present | | | Χ | Present | Х | Х |
| Liquid polyamide resin | Present | Х | | | | Present | Х | Present | Х | Х |
| Nonyl phenol | Present | Х | | Present | | Present | Х | Present | Х | Х |
| 2,4,6-tri(dimethylaminomethy l)phenol | Present | Х | | Present | | Present | Х | Present | Х | Х |
| Silica, Quartz | Present | Χ | | Present | | Present | Χ | Present | Х | Х |
| Ethylene glycol | Present | Х | | Present | | Present | Х | Present | Х | Х |

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Not determined

SARA 311/312 Hazard Categories

Acute Health HazardYesChronic Health HazardYesFire HazardNoSudden Release of Pressure HazardNoReactive HazardNo

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|-----------------|--------------------------|----------------|--------------------------|
| Ethylene glycol | 5000 lb | | RQ 5000 lb final RQ |
| , , | | | RQ 2270 kg final RQ |

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

| Chemical Name | California Proposition 65 |
|----------------|---------------------------|
| Silica, Quartz | Carcinogen |

U.S. State Right-to-Know Regulations

| Chemical Name | Massachusetts | New Jersey | Pennsylvania |
|-----------------------------|---------------|------------|--------------|
| 1-(2-Aminoethyl) piperazine | X | X | X |
| Silica, Quartz | X | X | X |
| Ethylene glycol | X | X | X |

International Regulations

| Chemical Name | Carcinogenicity | Exposure Limits |
|-----------------|-----------------|---------------------------------------|
| Silica, Quartz | | Mexico: TWA 0.1 mg/m ³ |
| Ethylene glycol | | Mexico: Ceiling 100 mg/m ³ |

CANADA

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR WHMIS Hazard Class

Class D, Div. 2 E - Corrosive material



| Chemical Name | NPRI |
|-----------------|------|
| Ethylene glycol | X |

Legend

NPRI - National Pollutant Release Inventory

Canadian Provincial OEL

| | Component | Canada - Alberta - Occupational Exposure Limits - Carcinogens | Canada - Alberta - Occupational Exposure Limits - Designated Substances | Canada - Alberta - Occupational Exposure Limits - Simple Asphyxiants | Canada - Alberta - Occupational Exposure Limits - Skin Notations | Canada - Alberta - Occupational Exposure Limits - STELs | Canada - Alberta - Occupational Exposure Limits - TWAs |
|---|--------------------------------------|--|---|---|---|--|---|
| Ī | Silica, Quartz 14808-60-7 (1-5) | A2 - Suspected Human Carcinogen | - | - | - | - | 0.025 mg/m ³ TWA |

| Component | Canada - British |
|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------------|
| | Columbia - |
| | Occupational |
| | Exposure |
| | Limits - | Limits - | Limits - | Limits - Simple | Limits - Skin | Limits - STELs | Limits - | Limits - TWAs |
| | Carcinogens | Designated | Sensitizers | Asphyxiants | Notations | | Substances | |
| | | Substances | | | | | with | |
| | | | | | | | Reproductive | |
| | | | | | | | Critical Effects | |
| Silica, Quartz | ACGIH Category | ACGIH Category | - | - | - | - | - | 0.025 mg/m ³ |
| 14808-60-7 (1-5) | A2 - Suspected | A2 - Suspected | | | | | | TWA |
| | Human | Human | | | | | | |
| | Carcinogen | Carcinogen | | | | | | |
| | IARC Category 1 | IARC Category 1 | | | | | | |
| | - Human | - Human | | | | | | |
| | Carcinogen | Carcinogen | | | | | | |
| Ethylene glycol | - | - | - | - | - | - | - | 10 mg/m ³ TWA |
| 107-21-1 (0.1-1.0) | | | | | | | | - |

| | Component | Canada - Manitoba - Occupational Exposure Limits - Carcinogens | Canada - Manitoba - Occupational Exposure Limits - Simple Asphyxiants | Canada - Manitoba - Occupational Exposure Limits - Skin Notations | Canada - Manitoba - Occupational Exposure Limits - STELs | Canada - Manitoba - Occupational Exposure Limits - TWAs |
|---|----------------------|--|--|---|--|---|
| Ī | Silica, Quartz | A2 Suspected Human | - | - | - | 0.025 mg/m ³ TWA |
| | 14808-60-7 (1-5) | Carcinogen | | | | |
| Ī | Ethylene glycol | A4 Not Classifiable as a | - | - | - | - |
| | 107-21-1 (0.1-1.0) | Human Carcinogen | | | | |

| Component | Canada - New Brunswick - Occupational Exposure Limits - Carcinogens | Canada - New Brunswick - Occupational Exposure Limits - Simple Asphyxiants | Canada - New Brunswick - Occupational Exposure Limits - Skin Notations | | Canada - New Brunswick - Occupational Exposure Limits - TWAs |
|---|--|--|---|---|---|
| Silica, Quartz 14808-60-7 (1-5) | - | - | - | - | 0.1 mg/m ³ TWA |
| Ethylene glycol 107-21-1 (0.1-1.0) | A4 - Not Classifiable as a Human Carcinogen | - | - | - | - |

| Component | Canada - | Canada - | Canada - | Canada - | Canada - | Canada - | Canada - |
|-----------------------------------|-------------------|-------------------|-------------------|-----------------------------|-------------------|--------------------|--|
| | Newfoundland & | Newfoundland & | Newfoundland & | Newfoundland & | Northwest | Northwest | Northwest |
| | Labrador - | Labrador - | Labrador - | Labrador - | Territories - | Territories - | Territories - |
| | Occupational | Occupational | Occupational | Occupational | Occupational | Occupational | Occupational |
| | Exposure Limits - | Exposure Limits - | Exposure Limits - | Exposure Limits - | Exposure Limits - | Exposure Limits - | Exposure Limits - |
| | Sensitizers | Skin Notations | STELs | TWAs | Skin Notations | STELs | TWAs |
| | | | | | | | |
| Silica, Quartz | - | - | - | 0.025 mg/m ³ TWA | - | - | 0.1 mg/m ³ TWA |
| Silica, Quartz 14808-60-7(1-5) | - | - | - | 0.025 mg/m ³ TWA | - | - | 0.1 mg/m ³ TWA 0.3 mg/m ³ TWA |
| , | - | - | - | 0.025 mg/m ³ TWA | - | - 20 mg/m³ STEL | |

| Component | | Canada - Nova Scotia - Occupational Exposure Limits - Sensitizers | | Canada - Nova Scotia - Occupational Exposure Limits - Skin Notations | | | Exposure | Canada - Nunavut - Occupational Exposure Limits - STELs | Canada - Nunavut - Occupational Exposure Limits - TWAs |
|---|--|--|---|---|---|--------------------------------|----------|--|--|
| Silica, Quartz 14808-60-7 (1-5) | A2 Suspected Human Carcinogen | - | - | - | - | 0.025 mg/m ³ TWA | - | - | 0.1 mg/m ³ TWA 0.3 mg/m ³ TWA |
| Ethylene glycol 107-21-1 (0.1-1.0) | A4 Not Classifiable as a Human Carcinogen | - | - | - | - | - | - | 20 mg/m ³ STEL | 10 mg/m ³ TWA |

| Component | Canada - Ontario - Occupational Exposure Limits - Designated Substances | Occupational | Occupational | Occupational | Occupational Exposure Limits - | Edward Island - | Canada - Prince Edward Island - Occupational Exposure Limits - TWAs |
|--------------------------------------|---|--------------|--------------|--------------|-----------------------------------|-----------------|---|
| Silica, Quartz 14808-60-7 (1-5) | 0.10 mg/m ³ TWA | - | - | - | 0.10 mg/m ³ TWA | • | 0.025 mg/m ³ TWA |

| Component | Canada - Quebec | Canada - Quebec | Canada - Quebec | Canada - Quebec | Canada - Quebec | Canada - Quebec | Canada - Quebec |
|--------------------|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------------------|
| | - Occupational | - Occupational | - Occupational | - Occupational | - Occupational | - Occupational | - Occupational |
| | Exposure Limits - | Exposure Limits - | Exposure Limits - | Exposure Limits - | Exposure Limits - | Exposure Limits - | Exposure Limits - |
| | Carcinogens | Sensitizers | Simple | Skin Designations | STELs | Substances | TWAEVs |
| | | | Asphyxiants | _ | | Whose Exposure | |
| | | | | | | Should Be | |
| | | | | | | Controlled | |
| Silica, Quartz | C2 carcinogen - | - | - | - | - | Present | 0.1 mg/m ³ TWAEV |
| 14808-60-7 (1-5) | effect suspected in | | | | | | ū |
| | humans | | | | | | |

| Component | wan - Occupatio nal Exposure Limits - Designate d Chemical Substance | wan - Occupatio nal Exposure Limits - Notifiable Chemical and Biological Substance | Limits - Sensitizers | Saskatche wan - Occupatio nal Exposure Limits - | Saskatche wan - Occupatio nal Exposure Limits - STELs | wan - Occupatio nal Exposure | Occupatio nal Exposure Limits - Carcinoge | Canada - Yukon - Occupatio nal Exposure Limits - Maximum Acceptable Body Burdens | nal Exposure Limits - Simple | nal Exposure Limits - Skin | Canada - Yukon - Occupatio nal Exposure Limits - STELs | nal |
|--------------------------------------|--|--|-------------------------|--|---|---------------------------------------|---|---|---------------------------------------|-------------------------------------|--|---------------------------|
| Silica, Quartz 14808-60-7 (1-5) | - | <u> </u> | - | - | - | 0.05 mg/m ³ TWA | - | - | - | - | - | 300 particle/mL TWA |

130521-38-CA - PC CONCRETE EPOXY, PART B

| Ethylene glycol | - | - | - | - | - | - | - | - | - | - | 10 ppm | 10 mg/m ³ |
|--------------------|---|---|---|---|---|---|---|---|---|---|-----------------------|-----------------------|
| 107-21-1 (0.1-1.0 | | | | | | | | | | | STEL | TWA |
|) | | | | | | | | | | | 20 mg/m ³ | 100 ppm |
| | | | | | | | | | | | STEL | TWA |
| | | | | | | | | | | | 125 ppm | 250 mg/m ³ |
| | | | | | | | | | | | STEL | TWA |
| | | | | | | | | | | | 325 mg/m ³ | |
| | | | | | | | | | | | STEL | |

Revision Date: 13-Mar-2014

16. OTHER INFORMATION

NFPA
HMISHealth Hazards3Flammability1Stability0Special Hazards-HMISHealth Hazards3Flammability1Physical Hazards0Personal ProtectionB

Issue Date:21-May-2013Revision Date:13-Mar-2014Revision Note:New formatDisclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet