

Material Safety Data Sheet

Starpatch Concrete Products
#5 6420 Beresford Street,
Burnaby, B.C. V5E 1B6
(604)433-7355

PRODUCT: 900X**Section 01: Chemical Product and Company Identification**

Manufacturer	Starpatch Concrete Products #5 6420 Beresford Street, Burnaby, B.C. V5E 1B6
Prepared by	Environmental & Regulatory Affairs Department
Preparation Date	Sept 1, 2016
Product Name	900X
Product Code	AC900X
Chemical Formula	N. AV.
Molecular Weight	N. AP. Polymer
Chemical Family	Butylacrylate-Styrene Copolymer
Material Use	Cement Modifier
Emergency Phone No	(604) 433-7355

Section 02: Composition/Information on Ingredients

Hazardous Ingredients	Exposure Levels	LD/50, Route, Species	LC/50, Route, Species
Ammonia % :0.2 Max Cas #:7664-41-7 Individual Residual Monomer % :<0.1 VOC LEVEL	25ppm TWA ACGIH ---- 0 – water based product	N. Av. N. Av.	N. Av. N. Av.

Section 03: Hazards Identification

Route of Entry: Skin Contact Skin Absorption Eye Contact Inhalation Ingestion	Route of Entry: Prolonged or Repeated exposure may cause skin Irritation Direct Contact can cause slight Irritation Inhalation of vapour or mist can cause irritation of nose, throat and lungs. Headache , nausea.
Effects of Acute Exposure: Effects of Chronic Exposure:	See Above No chronic health effects are expected from normal use of this product.

Section 04: First Aid Measures

Instructions:	In case of inhalation, remove to fresh air. Flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. If irritation persists, get medical attention. Wash skin with sap and water. If irritation persists, get medical attention. If ingested, have victim drink two glasses of water. Consult a physician. Never give anything by mouth if the victim is unconscious.
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Notes to physicians: N. Av.

Section 05: Fire Fighting Measures

Flammability	Not flammable
If yes, under which conditions?	
Extinguishing Media	Suitable for surrounding fire
Special Procedures	Wear full protective equipment including self-contained breathing apparatus
Flash Point (C) Method	Not Flammable
Auto Ignition Temperature	N. Ap.
Upper Flammable Limit (% by vol)	N. Ap.
Lower Flammable Limit (% by vol)	N. Ap.
Explosion Data	
Explosive Power	N. Av.
Rate of Burning	N. Av.
Sensitivity to static Discharge	N. Av.
Sensitivity to impact	N. Av.
Usual Fire and Explosion Hazards	Material can splatter above 100 (C). Dried product can burn.
Hazardous combustion products	Thermal decomposition may yield acrylic monomers.

Section 06: Accidental Release Measures

Leak Spill	Wear protective equipment. Evacuate all non-essential personnel. Floor may become slippery. Use care to avoid falling. Contain spills immediately with inert materials (e.g., sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. Prevent runoff into drains, sewers, and other waterways.
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Section 07: Handling and Storage

Handling Procedures and Equipment:

Keep from freezing. This material can release monomer vapours or gases when heated to high temperatures during processing, cutting or machining. Use adequate ventilation. Handle in accordance with good industrial hygiene and safety practices.

Storage needs:

Keep from freezing. Material may coagulate. 1-49 c

Section 08: Exposure Controls/Personal Protection

Gloves/Type

Impervious Gloves (neoprene).

Respiratory / Type

None required under normal operating conditions. For airborne concentrations up to 10 times the TLV, wear a MSHA/NIOSH approved (or equivalent) half mask, air-purifying respirator. Air-purifying respirators should be equipped with organic vapor cartridges and dust and mist filters.

Eye / Type

Splash proof chemical goggles

Footwear / Type

No special requirements

Clothing / Type

Wear adequate protective clothes

Other / Type

Eye bath and safety shower

Engineering Controls

Use local exhaust ventilation with a minimum capture velocity of 100 ft/min (0.5 m/sec) at the point of vapor evolution.

Section 09: Physical and Chemical Properties

Physical State

Liquid

Odour

Ammoniacal

Odour Threshold

N. Av.

Vapour Pressure (MMHG)

17

VOC, g/L

<90

Vapour Density (Air=1)

<1

Evaporation Rate

<1

Boiling Point

100c

PH

9.5 - 10.5

Specific Gravity (Water = 1)

1.0 - 1.2

Solubility in water (%w/w)

water diluteable

Coefficient of water / oil Dist

N.Av.

Section 10: Stability and Reactivity

Chemical Stability:

Yes

Product stable under normal conditions

No, Which conditions?

Polymer decomposes above 177c. Thermal decomposition is dependent on time and temperature.

Compatibility Other substances:

Yes

None known

No, Which one?

Reactivity conditions?

Excessive heat

Hazardous Products of Decomposition

Thermal Decomposition may yield: Acrylic monomers

Hazardous Polymerization

Will Not occur

Section 11: Toxicological Information

Exposure Limit of Material

None

LC 50 of Material, Species & Route

N.Av.

LD 50 of material, Species & Route

Closely related product: . >5000 Mg/Kg (oral rat) (dermal rabbit)

Carcinogenicity of Material

None

Reproductive effects

N.Av.

Irritancy of Material

For a closely related product: Eye irritation: Inconsequential irritation. Skin Irritation: Practically non-irritating. Eyes, skin - rabbit

Sensitizing capability of Material

None known

Synergistic Materials

N.Av.

Section 12: Ecological Considerations**Section 13: Disposal Considerations**

Waste Disposal

Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate in a furnace in respect to provincial, federal and municipal regulations.

Section 14: Transport Information

UN Number

N. Ap.

T.D.G. Classification

Not regulated

Packing Group

N. Ap.

Special Shipping Instructions

N. Ap.

Section 15: Regulatory Information

WHMIS Classification

This is not a controlled product

CPR Compliance

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Section 16: Other Information