

SECTION 1 . INDENTIFICATION

Product Name: SEAL HAIR Part A
Product Use: Surface Coating
Restrictions on Use: None known

Product Code: SEAL HAIR A

Phone (801) 809-4098
Emergency Chem Tel
1-800-255-3924

WhiteStone Concrete Design
411 Lawndale Dr. Suite B, SLC, UT 84115

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Ratings:

Flammable liquid	2	Flash point < 23°C and initial boiling point > 35°C (95°F)
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Respiratory sensitizer	1	Respiratory sensitizer
Skin sensitizer	1	Skin sensitizer
Reproductive toxin	2	Human or animal evidence possibly with other information

GHS Hazards

H225	Highly flammable liquid and vapour
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H361	Suspected of damaging fertility or the unborn child

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash ... thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P285	In case of inadequate ventilation wear respiratory protection
P321	Specific treatment (see ... on this label)
P363	Wash contaminated clothing before reuse
P302+P352	IF ON SKIN: Wash with soap and water
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P337+P313	If eye irritation persists, get medical advice/attention
P342+P311	Call a POISON CENTER or doctor/physician

P370+P378
P405
P403+P235
P501

In case of fire: Use ... for extinction
Store locked up
Store in a well ventilated place. Keep cool
Dispose of contents/container to ...

Signal Word: Danger



SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
4-CHLOROBENZOTRIFLUORIDE	98-56-6	40.00% - 50.00%
Homopolymer of Hexamethylene Diisocyanate	28182-81-2	10.00% - 20.00%
ACETONE	67-64-1	10.00% - 20.00%
PROPYLENE CARBONATE	108-32-7	1.00% - 5.00%
N-butyl acetate	123-86-4	1.00% - 5.00%
Silicon dioxide	112945-52-5	1.00% - 5.00%

SECTION 4. FIRST AID MEASURES

If inhaled remove to fresh air. If breathing is difficult, give oxygen. Obtain medical advice if there are persistent symptoms

Rinse immediately with plenty of water for at least 15 minutes.

Immediately wash skin with soap and plenty of water.

If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person

SECTION 5. FIRE FIGHTING MEASURES

Flash Point: -20 C (-4 F)

LEL: 1.00

UEL:

Not applicable

Foam, Carbon dioxide (CO₂) or dry chemical or water spray (water stream may be ineffective).

No information available

Not available

Firefighters, and others exposed, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Stop leak. Dike or contain spill. Pump into slavage tanks and/or absorb with suitable material. Use sparkless shovel to remove material

Use appropriate containment and clean up immediately.

Stop leak, Dike and contain spill. Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods

SECTION 7. HANDLING and STORAGE

Avoid breathing vapor. Avoid contact with eyes, skin and clothing. Keep away from heat and flame. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

Avoid exposure to heat, light, and air for prolonged periods of time.

No information available.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
4-CHLOROBENZOTRIFLUORIDE 98-56-6	Not Established	Not Established	Not Established
Homopolymer of Hexamethylene Diisocyanate 28182-81-2	Not Established	Not Established	Not Established
ACETONE 67-64-1	1000 ppm TWA; 2400 mg/m ³ TWA	500 ppm STEL 250 ppm TWA	NIOSH: 250 ppm TWA; 590 mg/m ³ TWA
PROPYLENE CARBONATE 108-32-7	Not Established	Not Established	Not Established
N-butyl acetate 123-86-4	150 ppm TWA; 710 mg/m ³ TWA	200 ppm STEL 150 ppm TWA	NIOSH: 150 ppm TWA; 710 mg/m ³ TWA 200 ppm STEL; 950 mg/m ³ STEL
Silicon dioxide 112945-52-5	Not Established	Not Established	Not Established

SECTION 9. PHYSICAL and CHEMICAL PROPERTIES

Appearance: Not Applicable Vapor Pressure: 46.3 mmHg Vapor Density: 1.8 Specific Gravity: 1.16 Freezing point: Not Applicable Boiling range: 56°C Evaporation rate: Not Applicable Partition coefficient (n-octanol/water): Not Applicable Viscosity: Not Applicable	Odor: Not Applicable Odor threshold: Not Applicable pH: Not Applicable Melting point: Not Applicable Solubility: Not Applicable Flash point: -4 F, -20 C Flammability: -4 F, -20 C Decomposition temperature: Not Applicable Grams VOC/Liter Less Water 84.0
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SECTION 10. STABILITY and REACTIVITY

STABLE

Hazardous polymerization will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Mixture Toxicity

Inhalation Toxicity LC50: 37mg/L

Component Toxicity

98-56-6	4-CHLOROBENZOTRIFLUORIDE Oral LD50: 13 g/kg (Rat) Inhalation LC50: 33 mg/L (Rat)
123-86-4	N-butyl acetate Inhalation LC50: 390 ppm (Rat)

Eyes Central Nervous System Skin Respiratory System

Effects of Overexposure

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
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SECTION 12. ECOLOGICAL INFORMATION

Component Ecotoxicity

4- CHLOROBENZOTRIFLUORIDE	48 Hr EC50 Daphnia magna: 3.68 mg/L
ACETONE	96 Hr LC50 Oncorhynchus mykiss: 4.74 - 6.33 mL/L; 96 Hr LC50 Pimephales promelas: 6210 - 8120 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 8300 mg/L 48 Hr EC50 Daphnia magna: 10294 - 17704 mg/L [Static]; 48 Hr EC50 Daphnia magna: 12600 - 12700 mg/L
PROPYLENE CARBONATE	96 Hr LC50 Cyprinus carpio: >1000 mg/L [semi-static] 48 Hr EC50 Daphnia magna: >500 mg/L 72 Hr EC50 Desmodesmus subspicatus: >500 mg/L
N-butyl acetate	96 Hr LC50 Lepomis macrochirus: 100 mg/L [static]; 96 Hr LC50 Pimephales promelas: 17 - 19 mg/L [flow-through] 72 Hr EC50 Desmodesmus subspicatus: 674.7 mg/L

SECTION 13. DISPOSAL INFORMATION

Dispose of in accordance with applicable local/municipal, state/provincial and federal regulations.

SECTION 14. TRANSPORT INFORMATION

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	FLAMMABLE LIQUID	1263	III	3

SECTION 15. REGULATORY INFORMATION

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
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SECTION 16. ADDITIONAL INFORMATION

Date revised: 4/5/2021
Date Prepared: 9/1/2020

Reviewer Revision

SAFETY DATA SHEET

Section 1 - Product & Company Identification

Product Name: SEAL HAIR Part B Product Code: SEAL HAIR B

Product Use: Surface Coating

Restrictions on Use: None known

EMERGENCY CONTACT: PERS

DOMESTIC & CANADA : (800) 633-8253

INTERNATIONAL: (801) 629-0667

WhiteStone Concrete Design

411 Lawndale Dr. Suite B, SLC, UT 84115

Section 2 - Hazards Identification

GHS Ratings:

Flammable liquid	3	Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Inhalation Toxicity	4	Gases >2500 and ≤ 20000 ppm, Vapors >10 and ≤ 20 mg/l, Dusts & mists >1 and ≤ 5 mg/l
Respiratory sensitizer	1	Respiratory sensitizer
Skin sensitizer	1	Skin sensitizer

GHS Hazards

H226	Flammable liquid and vapour
H317	May cause an allergic skin reaction
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled

GHS Precautions

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
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P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P342+P311	Call a POISON CENTER or doctor/physician
P370+P378	In case of fire: Use ... for extinction
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container to ...

Signal Word: Danger



Section 3 - Composition

Chemical Name	CAS number	Weight Concentration %
Homopolymer of Hexamethylene Diisocyanate	28182-81-2	90.00% - 100.00%
4-CHLOROBENZOTRIFLUORIDE	98-56-6	10.00%

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Flash Point: 47 C (117 F)

LEL: N/A

UEL: N/A

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Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Homopolymer of Hexamethylene Diisocyanate 28182-81-2	Not Established	Not Established	Not Established
4-CHLOROBENZOTRIFLUORIDE 98-56-6	Not Established	Not Established	Not Established

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Boiling Point 141 °C Lbs VOC/Gallon Less Water 0.00 % VOL by Volume 0.00	Specific Gravity (SG) 1.176 Lbs VOC/Gallon Less 0.00 Exempt
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STABLE

Not Applicable

Hazardous polymerization will not occur.

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Mixture Toxicity

Inhalation Toxicity LC50: 19mg/L

Component Toxicity

98-56-6

4-CHLOROBENZOTRIFLUORIDE

Oral LD50: 13 g/kg (Rat) Inhalation LC50: 33 mg/L (Rat)

Not Applicable

Not Applicable

Effects of Overexposure

CAS Number

None

Description

% Weight

Carcinogen Rating

Not Applicable

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Component Ecotoxicity

4-

CHLOROBENZOTRIFLUORIDE

48 Hr EC50 Daphnia magna: 3.68 mg/L

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Agency Proper Shipping Name

UN Number Packing Group Hazard Class

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State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING!
This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

Not Applicable

The following chemicals are classified under SARA 313 Toxic Release Inventory (TRI):

Not Applicable

Country

Regulation

All Components Listed

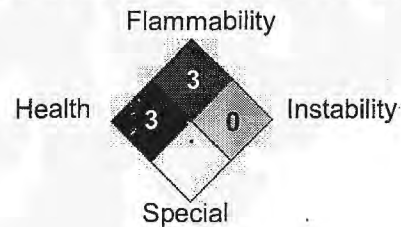
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Hazardous Material Information System (HMIS)

HEALTH	3
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	G

HMIS & NFPA Hazard Rating Legend
* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

National Fire Protection Association (NFPA)



Date revised: 4/5/2021

Date Prepared: 9/1/2020

Reviewer Revision