

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **4 in 1 SEALER**

Description: Tile & Stone Sealer
 Product Code: 4 in 1 Sealer
 Suggested Use: Brick, Tile, & Stone Sealer
 Restrictions on Use: N/A

Supplier: Aldon Corporation
 P.O. Box 1030
 Whitefish, MT 59937
 Telephone: 1-352-323-3500
 Emergency Phone: 1-800-535-5053

2. HAZARDS IDENTIFICATION

Classification

GHS Classification: Flam. Liq. 3 H226
 Skin Irrit. 2 H315
 Eye Irrit. 2A H319
 STOT SE 3 H336

GHS Label Elements

Hazard pictograms (GHS-US)



Signal word (GHS-US)

: Warning

Hazard statements (GHS-US)

: H226 - Flammable liquid and vapor
 H315 - Causes skin irritation
 H319 - Causes serious eye irritation
 H336 - May cause drowsiness or dizziness

Precautionary statements (GHS-US)

: P210 - Keep away from heat, open flames, sparks, hot surfaces. - No smoking
 P233 - Keep container tightly closed
 P240 - Ground/bond container and receiving equipment
 P243 - Take precautionary measures against static discharge
 P261 - Avoid breathing mist, spray, vapors
 P264 - Wash hands, forearms and face thoroughly after handling
 P271 - Use only outdoors or in a well-ventilated area
 P280 - Wear eye protection, face protection, protective clothing, protective gloves
 P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P332+P313 - If skin irritation occurs: Get medical advice/attention
 P337+P313 - If eye irritation persists: Get medical advice/attention
 P362 - Take off contaminated clothing and wash before reuse
 P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3 Other hazards

No additional information available

2.4 Unknown acute toxicity (GHS-US)

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Concentration	
Parachlorobenzotrifluoride	98-56-6	70-80%	Flam. Liq. 3, H226 Skin irrit. 2, H315 Eye Irrit. 2A, H319 Stot SE 3, H336
Other constituents withheld as trade secret		10-30%	

4. FIRST AID MEASURES

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	: Take off contaminated clothes, wash skin with plenty of water or have a shower (during minimum 15 minutes) and if necessary take medical advice. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water (for at least 15 minutes). If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical advice/attention.
4.2. Most important symptoms and effects, both acute and delayed	
Symptoms/injuries after inhalation	: May cause drowsiness, dizziness, nausea, and headache.
Symptoms/injuries after skin contact	: May cause irritation to skin. May cause dermatitis by skin contact.
Symptoms/injuries after eye contact	: Vapors may cause painful eye irritation.
Symptoms/injuries after ingestion	: May be harmful if swallowed and enters airways. May cause gastric irritation. May cause stomach cramps and vomiting.
4.3. Indication of any immediate medical attention and special treatment needed	
Treat symptomatically.	

5. FIREFIGHTING MEASURES

5.1. Extinguishing media	
Suitable extinguishing media	: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2), water spray, sand, earth.
Unsuitable extinguishing media	: None to our knowledge. If there is a fire close by, use suitable extinguishing agents.
5.2. Special hazards arising from the substance or mixture	
Fire hazard	: Will not normally support combustion. PCBTF exhibits a flash point of 109° F (42.8° C), however, it does not sustain combustion. It will produce a flash before self-extinguishing. PCBTF has a Fire Point of 207 °F (97.2 °C) TOC.
Explosion hazard	: On heating, there is a risk of bursting due to internal pressure build-up. Cool down the containers exposed to heat with a water spray. Intense heat may cause container to burst.
Reactivity	: When heated to decomposition, emits toxic fumes.
5.3. Advice for firefighters	
Firefighting instructions	: Eliminate all ignition sources if safe to do so. Evacuate area. Fight fire with normal precautions from a reasonable distance.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Special protective equipment for fire fighters	: Do not enter fire area without proper protective equipment, including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

General measures : Evacuate the personnel away from the fumes.

6.1.1. For non-emergency personnel	
Protective equipment	: Impervious protective suit with gloves, boots, and full head and face protection must be worn. Respiratory protection equipment may be necessary.
Emergency procedures	: Avoid contact with skin, eyes and clothing. Keep upwind.
6.1.2. For emergency responders	
Protective equipment	: Use personal protective equipment as required. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Remove ignition sources. Stop release. Prevent entry to sewers and public waters.
6.2. Environmental precautions	
Avoid release to the environment. Prevent entry to sewers and public waters.	
6.3. Methods and material for containment and cleaning up	
For containment	: Dike for recovery or absorb with appropriate material. Prevent entry to sewers and public waters. Stop leak if safe to do so.
Methods for cleaning up	: Collect spillage. Use suitable disposal containers.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	
For further information refer to section 13.	

7. HANDLING AND STORAGE

7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing mist, spray, vapors.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including any incompatibilities	
Storage conditions	: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatible materials	: Strong oxidizers. Strong acids.
7.3. Specific end use(s)	
No additional information available	

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
ACGIH	Not applicable
OSHA	Not applicable
8.2 Exposure controls	
Appropriate engineering controls	: Ensure good ventilation of the work station.
Hand protection	: Protective gloves. North Silver Shield® or Viton® Gloves are recommended. Nitrile or PVC gloves can be used for short periods of time.
Eye protection	: Safety glasses.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment.
Environmental exposure controls	: Avoid release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Appearance	: Colorless liquid.
Color	: Colorless.
Odor	: Naphthalenic odor.
Odor threshold	: 0.1 ppm (0.8 mg/m3)
pH	: Not determined
Relative evaporation rate (butyl acetate=1)	: 0.9
Melting point	: No data available
Freezing point	: - 36.0° F (- 32.8 °C)
Boiling point	: 281.5° F (138.6 °C)
Flash point	: 109° F (42.8 °C) TCC
Auto-ignition temperature	: > 932 °F (>500 °C)
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: 706.61 Pa
Relative vapor density at 20 °C	: 6.2
Relative density	: 1.33 - 1.35
Solubility	: Water: 29 mg/l
Log Pow	: No data available
Log Kow	: 3.70 (measured)
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 0.79 cP @25 °C
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: 0.9 - 10.5 vol %

10. STABILITY AND REACTIVITY

10.1. Reactivity	When heated to decomposition, emits toxic fumes.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	No data available.
10.4. Conditions to avoid	Extremely high temperatures.
10.5. Incompatible materials	Strong acids. Strong oxidizers.
10.6. Hazardous decomposition products	Corrosive vapors. irritating fumes. Carbon monoxide. Chlorine. Fluorine.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Not classified

LD50 oral rat	13000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	33 mg/l
Skin corrosion/irritation	: Causes skin irritation. pH: Not determined
Serious eye damage/irritation	: Causes serious eye irritation. pH: Not determined
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: PCBTF is not considered to be a reproductive hazard as demonstrated by the results of a modified 90-day subchronic oral toxicity and reproduction study.
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	: Not classified
Repeated dose, inhalation	: 90 day (13 week) inhalation toxicity and neurobehavioral study: there were no PCBTF-related macroscopic observations. Microscopically, PCBTF-related centrilobular hypertrophy was present only in the livers of males and females at the high dose (250 ppm) after 13-weeks of exposure. No centrilobular hypertrophy was observed at any level among recovery animals. There were no PCBTF effects on the nervous system, as measured by FOB, M.A, and neuropathology.
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: May cause drowsiness or dizziness. Nausea. Headache.
Symptoms/injuries after skin contact	: May cause irritation to skin. May cause dermatitis by skin contact.
Symptoms/injuries after eye contact	: Vapors may cause painful eye irritation.
Symptoms/injuries after ingestion	: May be harmful if swallowed and enters airways. May cause gastric irritation. May cause stomach cramps and vomiting.

12. ECOLOGICAL INFORMATION

12.1. Toxicity	
Ecology - air	: Not dangerous for the ozone layer.
M900_PARACHLOROBENZOTRIFLUORIDE (98-56-6)	
LC50 fish 1	11.5 - 15.8 mg/l <i>Lepomis macrochirus</i>
EC50 Daphnia 1	12.4 mg/l
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
M900_PARACHLOROBENZOTRIFLUORIDE (98-56-6)	
Log Kow	3.7
12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	
Effect on ozone layer	: Not considered harmful to the ozone layer.
Effect on the global warming	: No known ecological damage caused by this product.

13. DISPOSAL CONSIDERATIONS

Disposal: The generation of waste should be avoided or minimized wherever possible. Material should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region. Avoid release into the soil, sewers, drains, and other waterways.

Contaminated Packaging: Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

14. TRANSPORT INFORMATION

In accordance with DOT	: Chlorobenzotrifluorides , UN 2234, 3, PG III
Additional information	
Other information	: Not applicable
ADR	
No additional information available	
Transport by sea	
Proper Shipping Name (IMDG)	: Chlorobenzotrifluorides , UN 2234, 3, PG III; EMS-No.: F-E, S-D
Air transport	
Proper Shipping Name (IATA)	: Chlorobenzotrifluorides , UN 2234, 3, PG III

15. REGULATORY INFORMATION

EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.
RQ (Reportable quantity, section 304 of EPA's List of Lists)	None known
SARA Section 302 Threshold Planning Quantity (TPQ)	None known
SARA Section 311/312 Hazard Classes	Immediate health hazard.
SARA Section 313 - Emission Reporting	None known
CANADA	
No additional information available	
EU-Regulations	
No additional information available	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Not classified	
Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]	
Not classified	
U.S. – California – Proposition 65 – Carcinogens List	- No
U.S. – California – Proposition 65 – Developmental Toxicity	- No

16. OTHER INFORMATION

Full text of H-phrases:

Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapor
H315	Causes skin irritation
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

Supersedes: New to GHS

The information contained in this document was carefully compiled and is believed to be accurate. The information represents the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. However, it does not represent any guarantee of the properties of the product. Aldon Corporation shall not be held liable for any damages resulting from handling or from contact with the above product. It is the responsibility of the purchaser to determine the suitability of the product for their particular purposes. Nothing contained herein shall be construed to be a recommendation to use, or as a license to operate under, or to infringe any existing patents.