

**All Shield EX**

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**SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

<p><b>1.1 Trade Name (as labeled):</b>                  Synonyms:                  CAS No:</p> <p><b>1.2 Product Use:</b></p> <p><b>1.3 Company Name:</b>                  Company Address:                  Company Address Cont:                  Business Phone:                  Website:</p> <p><b>1.4 Emergency Telephone Number:</b></p> <p>Date of Last Revision:                  Date of Current Revision:</p>	<p>All Shield Ex                  N/A                  Mixture                  Water, Stain and Soil Repellent</p> <p><b>SpecChem</b>                  1511 Baltimore Ave; Suite 600                  Kansas City, MO 64108                  (816) 968-5600                  www.specchemllc.com</p> <p><b>VelocityEHS</b> 1-(800)255-3924 (North America) +1-813-248-0585 (International) 1-300-954-583 (Australia) 0-800-591-6042 (Brazil) 400-120-0751 (China) 000-800-100-4086 (India) 800-099-0731 (Mexico)</p> <p>July 1, 2018                  December 11, 2020</p>
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**SECTION 2 – HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** This product is a milky white liquid with a characteristic hydrocarbon odor.  
Health Hazards: May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Causes mild skin irritation.  
Flammability Hazards: Highly flammable liquid and vapour  
Reactivity Hazards: None.  
Environmental Hazards: The environmental effects of this product have not been investigated, however release may cause long term adverse environmental effects.

**US DOT Symbols** Flammable



**EU and GHS Symbols**

Signal Word      Danger

**2.1 Classification of the substance or mixture:**

**Hazard Statements:** Highly flammable liquid and vapour  
 May be fatal if swallowed and enters airways  
 May cause drowsiness or dizziness  
 Causes skin irritation. Causes serious eye irritation. Flammable liquid  
 Category 3 - Aspiration hazard. Category 1 - Specific target organ toxicity, single exposure; Narcotic effects. Category 3 - Skin

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Corrosion/Irritation. Category 2 - Eye Irritation.  
Category 2A

**2.2 Label Elements:**

**Precautionary Statements:**

Keep away from heat/sparks/open flames/hot surfaces.- No smoking.  
Keep container tightly closed.  
Ground/Bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lightning and other equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Wear protective gloves/eye protection/face protection. Wash hands, forearms and face thoroughly after handling.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Use only outdoors or in a well-ventilated area.

**Response Statements:**

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
In case of fire: Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam for extinction.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
Do NOT induce vomiting.  
If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

**Storage Statements:**

Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
Store locked up.

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**Disposal Statements:**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Health Hazards or Risks From Exposure:**
**Symptoms of Overexposure by Route of Exposure:**

The most significant routes of overexposure for this product are by contact with skin or eyes. The symptoms of overexposure are described in the following paragraphs.

**Acute:**

Inhalation: May cause respiratory tract irritation. May cause headaches, drowsiness, or dizziness.

Skin Contact: May cause moderate irritation to skin. Repeated exposure may cause skin dryness or cracking.

Eye Contact: Vapours and direct contact to the eyes may be irritating.

Ingestion: May cause nausea, vomiting, and headaches.

**Chronic:** Repeated exposure may cause skin dryness or cracking.

**Target Organs:**

Acute: Skin, Eyes, Respiratory System

Chronic: Skin

### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	WT%	CAS No.	EINECS No.	Hazard Classification
Fluorinated Acrylic Copolymer	<= 2%	Proprietary		
Alkanes, C11-15-iso-	<=1.8%	90622-58-5		
Distillates, Petroleum, Hydrotreated Light	<= 5.3%	64742-48-9		
Dipropylene Glycol Methyl Ether	<= 1.8%	34590-94-8		
PARACHLOROBENZOTRIORIDE	80 – 95%	98-56-6		

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

**Note:** All WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. 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, EU Directives and the Japanese Industrial Standard JIS Z 7250:2000

### SECTION 4 – FIRST AID MEASURES

**4.1 Description of First Aid Measures:**
**Eye Contact:**

Flush with large amounts of water. Remove contact lenses if easy to do so. Continue rinsing. If signs/symptoms develop, get medical attention.

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<b>Skin Contact:</b>	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.
<b>Inhalation:</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Ingestion:</b>	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting.

**SECTION 5 – FIRE FIGHTING MEASURES**

**5.1 Fire Extinguishing Materials:**

Use the following fire extinguishing materials:

<b>Water Spray:</b>	No
<b>Foam:</b>	Yes
<b>Halon:</b>	No
<b>Carbon Dioxide:</b>	Yes
<b>Dry Chemical:</b>	Yes
<b>Other:</b>	None

**Fire and Explosion Hazard:** Flammable liquid. Hazardous decomposition products formed under fire conditions. Hazardous combustion products: Hydrogen fluoride, carbon dioxide, carbon monoxide and other hazardous decomposition products may be formed.

**5.2 Unusual Fire and Explosion Hazards:**

**Irritating and toxic fumes may be produced at high temperatures. Use of water may result if the formation of a toxic aqueous solution. Do not allow run-off from fire fighting to enter drains or water courses.**

Explosive Sensitivity to Mechanical Impact:	No
Explosive Sensitivity to Static Discharge:	No

**5.3 Special Fire-Fighting Procedures:**

Evacuate personnel to safe areas. Wear self-contained breathing apparatus and appropriate full protective equipment. Move containers from area of the fire if this can be done without risk. Cool fire-exposed containers with water. Do not allow run-off from firefighting to enter drains or water courses.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)**

**6.1 Personal Precautions, Protective Equipment and Emergency Procedures:**

Evacuate personnel to safe area. Ensure cleanup is done only by trained personnel. Material can create slippery conditions. Wear personal protective equipment. Ventilate area.

**6.2 Environmental Precautions:**

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Do not discharge to streams, ponds, lakes or sewers. Avoid subsoil penetration. For larger, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

### **6.3 Spill and Leak Response:**

Remove all sources of ignition. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Soak up with sawdust, sand, oil dry or other inert absorbent material. Pick up and transfer to properly labelled containers.

## **SECTION 7 - HANDLING AND STORAGE**

### **7.1 Precautions for Safe Handling:**

Do not use sparking tools. Ground containers when transferring material. Avoid formation of respirable particles. Do not breathe vapours or spray mist. Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling. Wash contaminated clothing before re-use. \*\*\*Agitate thoroughly before use\*\*\*

### **7.2 Storage and Handling Practices:**

Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store locked up. Keep container tightly closed. Keep away from heat sparks and open flame. Store away from incompatible materials. If the product freezes, allow the product to thaw then mix thoroughly. Product quality testing should be performed before using.

### **7.3 Specific Uses:**

These products should be used only by trained personnel. Do not under any circumstances aerosolize these products.

These products should only be dispensed by airless sprayers less than 50 psi with a particle size production of greater than 15 microns or a coarse spray device such as a trigger sprayer. Avoid breathing vapor or spray mist. Never use a paint sprayer to apply these products. Power paint sprayers generate very high pressures, aerosolize the product and create significant combustion hazards. A respirator must be used when spraying these products and the products should only be used in areas with proper ventilation. Avoid contact with eyes or skin. Glasses or goggles, gloves and other protective clothing should always be worn when the product is used. Avoid contamination of tobacco products. Wash hands thoroughly before smoking.

Use the proper equipment. This includes:

- Exhaust fan
- Low pressure airless sprayer (less than 50 psi)
- Respirator with organic vapor cartridge
- Glasses or goggles, gloves and protective clothing

Before you start spraying:

- Set up cross ventilation, open doors and windows, place a fan blowing out of a window or door to increase exhaust
- Remove all people and animals from the exposure area
- All personnel in the exposure area wear a proper fitting respirator with organic vapor cartridge
- Turn off air conditioning or heating units and remove all ignition sources

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- Use low pressure airless sprayer (less than 50 psi)

When spraying solvent-based systems, solvent will continue to evaporate after the product has been applied, so you must do the following until the solvent vapor concentration is below 300 ppm (about 60 minutes):

- Continue cross ventilation o Keep people and animals out of the spray area
- Continue to wear respirators in the spray area
- Do not expose the treated fabric to open flame or other ignition sources (such as, matches, or cigarette lighters)

After the product dries, only the soil and stain repellent is left behind on the treated substrate. It is safe, nonhazardous and hypoallergenic. The treated substrate will be dry to the touch after 30-60 minutes and is completely dried and ready for use within 24 hours.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1 Exposure Parameters:**

Ingredients	CAS No.	OSHA PEL	Manufacturer determined
Dipropylene Glycol Methyl Ether	34590-94-8	TWA:600 mg/m <sup>3</sup> (100 ppm)	TWA:10 ppm;STEL:75 ppm
Alkanes (C11-C15, iso)	90622-58-5	N/A	TWA:100 ppm
Parachlorobenzotrifluoride	98-56-6	N/A	CEL of 25 ppm (185 mg/m <sup>3</sup> )

**8.2 Exposure Controls:**

**Ventilation and Engineering Controls:**

Local ventilation must be used during application. Use suitable ventilation to remove mists or vapors during spray or other applications.

**Respiratory Protection:**

Wear suitable personal respirator and protective suit when spray or mist occurs.

**Eye Protection:**

Wear safety glasses with side shields or goggles

**Hand Protection:**

Wear protective gloves.

**Body Protection:**

Rubber apron, boots or coveralls as necessary to prevent skin contact.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on Basic Physical and Chemical Properties:**

**Appearance (Physical State and Color):** Clear Amber Liquid

**Odor:** Solvent-like

**Odor Threshold:** No data available

**pH:** No data available

**Melting/Freezing Point:** No data available

**Boiling Point:** 281.5° F (138.6 °C)

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**Flash Point:** 109° F (42.8 °C) TCC  
**Evaporation Rate:** 0.9 (butyl acetate =1)  
**Flammability (Solid; Gas):** Not applicable  
**Upper/Lower Flammability or Explosion Limits:** Not data available  
**Vapor Pressure (mm Hg @ 20°C (68° F):** No data available  
**Vapor Density:** No data available  
**Relative Density:** No data available  
**Specific Gravity:** ~0.85  
**Solubility in Water:** Non soluble in water  
**Weight per Gallon:** No data available  
**Partition Coefficient (n-octanol/water):** No data available  
**Auto-Ignition Temperature:** No data available  
**Decomposition Temperature:** No data available  
**Viscosity:** No data available  
  
**9.2 Other Information:** No data available

**SECTION 10 – STABILITY AND REACTIVITY**

**10.1 Reactivity:** This product is not reactive.  
**10.2 Stability:** Stable under conditions of normal storage and use.  
**10.3 Possibility of Hazardous Reactions:** Will not occur.  
**10.4 Conditions to Avoid:** Do not overheat to prevent from thermal decomposition. Avoid heat, sparks, open flames and other ignition sources.  
**10.5 Incompatible Substances:** Strong oxidizing agents.  
**10.6 Hazardous Decomposition Products:** In case of fire situation, hydrogen fluoride, carbon monoxide, carbon dioxide and other hazardous decomposition products may be formed.

**SECTION 11 – TOXICOLOGY INFORMATION**

**11.1 Information on Toxicological Effects:**

**Toxicity Data:**

Alkanes (C11-C15, iso)	64742-95-6	LD50 Dermal - Rabbit	LD50 > 3,160 mg/kg
		LC50 Inhalation – Rat	LC50 > 5 mg/l
		Ingestion - Rat	LD50 > 5,000 mg/kg
Dipropylene Glycol Methyl Ether	64742-95-6	LD50 Dermal - Rabbit	LD50 > 5,000 mg/kg
		LC50 Inhalation – Rat	LC50 > 50 mg/l
		Ingestion - Rat	LD50 5,180 mg/k
PARACHLOROBENZOTRIFLUORIDE	98-56-6	LD50 oral rat	LD50 13000 mg/kg
		LD50 dermal rabbit	LD50 > 2000 mg/kg
		LC50 inhalation rat	LC50 33 mg/l

**Suspected Cancer Agent:** No data  
**Irritancy:** Skin, eye, respiratory irritant.  
**Sensitization to the Product:** This product is not expected to cause skin sensitization.  
**Germ Cell Mutagenicity:** No data

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**Reproductive Toxicity:** This product is not expected to be a human reproductive toxicant.

**SECTION 12 – ECOLOGICAL INFORMATION**

**12.1 Toxicity:**

PARACHLOROBENZOTRIFLUORIDE	98-56-6	LC50 fish 1	11.5 - 15.8 mg/l <i>Lepomis macrochirus</i>
		EC50 <i>Daphnia</i> 1	12.4 mg/l

**12.2 Persistence and Degradability:** No specific data available on this product.  
**12.3 Bioaccumulative Potential:** No specific data available on this product.  
**PARACHLOROBENZOTRIFLUORIDE** (98-56-6) Log Kow 3.7  
**12.4 Mobility in Soil:** No specific data available on this product.  
**12.5 Results of PBT and vPvB Assessment:** No specific data available on this product.  
**12.6 Other Adverse Effects:** No data available  
**12.7 Water Endangerment Class:** At present, there are no ecotoxicological assessments for this product.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**13.1 Waste Treatment Methods:** Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Australia, EU Member States and Japan.  
**13.2 EU Waste Code:** Not determined

**SECTION 14 - TRANSPORTATION INFORMATION**

**14.1 U.S. Department of Transportation (DOT) Shipping Regulations:**  
*This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.*  
**UN Identification Number:** NA1993  
**Proper Shipping Name:** Combustible liquid, n.o.s. (Contains: Petroleum Distillate, Chlorobenzotrifluorides)  
**Hazard Class Number and Description:** Comb. Liq.  
**Packing Group:** III  
**DOT Label(s) Required:** In containers of 119 gallons or less this product is not regulated by DOT. Shipments in containers of more than 119 gallons, this product is regulated by DOT and must ship as flammable liquid.  
**North American Emergency Response Guidebook Number:** Not applicable  
**14.2 Environmental Hazards:**  
**Marine Pollutant:**



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<b>UN Number:</b>	UN 1993 UN
<b>Proper Shipping Name:</b>	Petroleum Distillates, n.o.s., : Chlorobenzotrifluorides
<b>Transport Hazard Class:</b>	3
<b>Packing Group:</b>	III
<b>14.3 Special Precaution for User:</b>	None
<b>14.4 International Air Transport Association</b>	
<b>UN Number:</b>	UN 1993
<b>UN Proper Shipping Name:</b>	Petroleum Distillates, n.o.s.
<b>Transport Hazard Class:</b>	3
<b>Packing Group:</b>	III
<b>14.5 International Maritime Organization</b>	
<b>Shipping Information (IMO):</b>	
<b>UN Identification Number:</b>	Not applicable
<b>Proper Shipping Name:</b>	Not regulated
<b>Hazard Class Number and Description:</b>	Not applicable
<b>Packing Group:</b>	Not applicable
<b>EMS-No:</b>	Not applicable

## SECTION 15 – REGULATORY INFORMATION

### **15.1 Safety, Health and Environmental Regulations Specific for the Substance or Mixture:**

#### United States Regulations:

#### **U.S. SARA Reporting Requirements:**

The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

#### **U.S. SARA 311/312:**

Acute Health: Yes; Chronic Health: No; Fire: Yes; Reactivity: No

#### **U.S. CERCLA Reportable Quantity:**

Not applicable

#### **U.S. TSCA Inventory Status:**

Listed; Subject to TSCA Section 5 and 12b.

#### **Other U.S. Federal Regulations:**

None known

#### **California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):**

This product does not contain ingredients on the Proposition 65 Lists.

### **15.2 Canadian Regulations:**

#### **Canadian DSL/NDSL Inventory Status:**

Components are DSL Listed, NDSL Listed and/or are exempt from listing

#### **Other Canadian Regulations:**

Not applicable

#### **Canadian Environmental Protection Act (CEPA) Priorities Substances Lists:**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

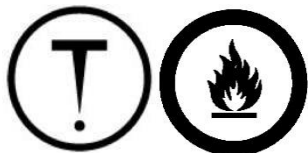
#### **Canadian WHMIS Classification and Symbols:**

This product is Class B2, Flammable Liquid, and D2B, Materials causing other toxic effects, per WHMIS Controlled Product Regulations.

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**15.3 European Economic Community Information:**

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section 2 for Details.

**Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**15.4 Australian Information for Product:**

Components of this product are listed on the International Chemical Inventory list.

**15.5 Japanese Information for Product:**

Japanese Minister of International Trade and Industry (MITI) Status: The components of this product are not listed as Class I specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

**15.6 International Chemical Inventories:**

Listing of the components on individual country Chemical Inventories is as follows:

Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed

U.S. TSCA: Listed

**SECTION 16 – OTHER INFORMATION**

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. SpecChem assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, SpecChem assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

**END OF SDS SHEET**