

# MATERIAL SAFETY DATA SHEET

Super Shield

FILE NO.: DM043  
MSDS DATE: 02 /15

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: Super Shield  
SYNONYMS: N/A  
PRODUCT CODES: SKU20043  
  
MANUFACTURER: Shield Products, Inc.  
DIVISION: N/A  
ADDRESS: 6010 NW 99 Avenue, Suite 110, Doral, Florida 33178

EMERGENCY PHONE: 904-880-6060  
CHEMTREC PHONE: 800-424-9300  
OTHER CALLS: N/A  
FAX PHONE: N/A

CHEMICAL FAMILY: Fluoropolymer

PRODUCT USE: Paint/Coating

SECTION 1 NOTES: N/A

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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Chemical name	CAS #	Wt. %<	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	SKIN
Chlorobenzotrifluorides	98-56-6	40.0%	N/E	N/E	N/E	N/E	Yes
Aliphatic Hydrocarbon	8052-41-3	15.0%	100 ppm	N/E	100 ppm	N/E	Yes
Xylene	1330-20-7	10.0%	100 ppm	150 ppm	100 ppm	N/E	Yes
Petroleum Distillate6	68477-31-6	10.0%	N/E	N/E	N/E	N/E	No
Acetone	67-64-1	5.0%	750 ppm	1000 ppm	750 ppm	1000 ppm	Yes
Ethylbenzene	100-41-4	5.0%	100 ppm	125 ppm	100 ppm	N/E	Yes

SECTION 2 NOTES:

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## SECTION 3: HAZARDS IDENTIFICATION

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### POTENTIAL HEALTH EFFECTS

**EYES:** This product contains materials which may cause irreversible eye damage.

**SKIN:** May be corrosive. This product contains material which may cause skin burns.

**INGESTION:** Harmful if swallowed.

**INHALATION:** Vapor and/or spray may be harmful if inhaled. Vapor irritates eyes, nose, and throat. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain or nervous system damage.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N/A

SECTION 3 NOTES:

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## SECTION 4: FIRST AID MEASURES

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**EYES:** Flush eyes with water for 15 minutes. Seek medical help as further treatment will be necessary.

**SKIN:** Wash with a mild soap and water, rinse for 15 minutes. Seek medical help if needed.

**INGESTION:** Rinse inside of mouth with water. Sips of water may be given if the person is fully conscious. Seek medical help.

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INHALATION: Remove the person from the area to fresh air. If symptomatic seek medical help

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## SECTION 5: FIRE-FIGHTING MEASURES

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FLAMMABLE LIMITS IN AIR, UPPER: Not available  
(% BY VOLUME) LOWER: 1:1

FLASH POINT:

F: 78

C: 25

METHOD USED: Pensky-Martens closed cup

NFPA HAZARD CLASSIFICATION

HEALTH: 3

FLAMMABILITY: 3

REACTIVITY: 0

OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: 3

FLAMMABILITY: 3

REACTIVITY: 0

PROTECTION:

EXTINGUISHING MEDIA: NFPA class B extintuishers

SPECIAL FIRE FIGHTING PROCEDURES: Water spray may be ineffective. Water spray may be used to cool closed containers to prevent pressure build up or auto ignition. Fire personel should wear protective gear and breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from heat, sarks, and flame. Vapors can travel to an ignition source and flash back. Do not smoke whyen using this product.Keep containers sealed when not using this product.

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic fumes may form when exposed to extreme heat.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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ACCIDENTAL RELEASE MEASURES: Provide maximum ventilation. Only personnel equipped with proper respiratory, skin, and eye protection should be permitted in the area. Remove all sources of ignition. Take up spilled material with sand, vermiculite, or other noncombustible absorbent material and place in clean, empty containers for disposal. Only the spilled material and the absorbant should be placed in this container.

SECTION 6 NOTES:

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## SECTION 7: HANDLING AND STORAGE

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HANDLING AND STORAGE: Do not store above 120 degrees F. (48 degrees C.). Store large quantities in buildings designed and protected for storage of NFPA Class IC flammable liquids.

OTHER PRECAUTIONS: Vapors may collect in low areas. If this material is part of a multiple component system, read the Material Safety Data Sheet (s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts. Containers should be grounded when pouring. Avoid free fall of liquids in excess of a few inches.

SECTION 7 NOTES:

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**VENTILATION :** Provide general dilution or local exhaust ventilation in volume and pattern to keep the concentration of ingredients listed in Section 2 below the lowest suggested exposure limits, the LEL below the stated limit, and to remove decomposition products during welding or flame cutting.

**RESPIRATORY PROTECTION:** Overexposure to vapors may be prevented by ensuring proper ventilation controls, vapor exhaust or fresh air entry. A NIOSH- approved air purifying respirator with the appropriate chemical cartridges or a positive-pressure, air-supplied respirator may also reduce exposure. Read the respirator manufacturer's instructions and literature carefully to determine the type of airborne contaminants against which the respirator is effective, its limitations, and how it is to be properly fitted and used.

**EYE PROTECTION:** Wear chemical-type splash goggles or full face shield when possibility exists for eye contact due to splashing or spraying liquid, airborne particles, or vapors.

**SKIN PROTECTION:** Wear protective clothing sufficient to cover exposed skin surfaces. For applications where skin contact is likely and impermeable clothing is necessary, select clothing constructed of: neoprene rubber or nitril rubber. No specific permeation/degradation testing have been done on protective clothing for this product. Recommendations for skin protection are based on infrequent contact with this product. For frequent contact or total immersion, contact a manufacturer of protective clothing for appropriate chemical impervious equipment.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Clean contaminated clothing and shoes.

### SECTION 8 NOTES:

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** mber colored viscous liquid

**ODOR:** Typical paint/solvent odor.

**PHYSICAL STATE:** Liquid

**pH AS SUPPLIED:** N/A

**BOILING RANGE:** 239-379 degrees F

**VAPOR PRESSURE (mmHg):** 4.1

**VAPOR DENSITY (AIR = 1):** Heaver than air

**SPECIFIC GRAVITY (H2O = 1):** .957

**EVAPORATION RATE:** 44

**SOLUBILITY IN WATER:** 3.6%

**PERCENT VOLATILE:** 68.86 by volume

### SECTION 9 NOTES:

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## SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** This product is stable under normal conditions.

**CONDITIONS TO AVOID (STABILITY):**

**INCOMPATIBILITY (MATERIAL TO AVOID):** Avoid contact with strong alkalis, strong mineral acids, or strong oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** May produce the following hazardous decomposition products when exposed to extreme heat: carbon monoxide ; carbon dioxide ; lower molecular weight polymer fractions; Extreme heat includes, but is not limited to, flame cutting, brazing, and welding. Hazardous Materials Identification System (HMIS) and National Fire Protection Association

**SECTION 10 NOTES:**

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## SECTION 11: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** Waste material must be disposed of in accordance with federal, state, provincial, and local environmental control regulations. Empty containers should be recycled or disposed of through an approved waste management facility.

**SECTION 11 NOTES:**

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## SECTION 12: TRANSPORT INFORMATION

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**U.S. DEPARTMENT OF TRANSPORTATION**  
**PROPER SHIPPING NAME:** Paint  
**HAZARD CLASS:** 3  
**UN NUMBER:** 1263  
**PACKING GROUP:** III  
**LABEL STATEMENT:** Flammable

**SECTION 12 NOTES:**

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## SECTION 13: OTHER INFORMATION

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