

MATERIAL SAFETY DATA SHEET

Page 1 of 5
Superior Shield Aerosol
Part No. S6531CT Aerosol
Revision 2 . Jan 30, 2011

EMERGENCY OVERVIEW

CONTENTS **EXTREMELY FLAMMABLE** AND **UNDER PRESSURE**. STORE BELOW 120F, OUT OF SUNLIGHT, AND AWAY FROM HEAT SOURCES. DO NOT PUNCTURE OR INCINERATE. AVOID CONTACT WITH SKIN AND EYES. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

MANUFACTURER: Shield Products Inc
1167 Grand Crique Ct N Jacksonville FL 32223

INFORMATION: 904-880-6060
EMERGENCY: 800-424-9300 (24 hr) Chem Trec

PRODUCT NUMBER: S6531CT
PRODUCT DESCRIPTION: Superior Shield Aerosol

PRODUCT TYPE: Aerosol
CAS NUMBER: Mixture
EMAIL: shieldproducts@comcast.net
WEBSITE: <http://www.shieldproducts.com>

REVISION NUMBER: 1
REVISION DATE: July 30, 2010
PRINT DATE: July 30, 2010
PREPARED BY: Safety & Environmental Manager

	INGREDIENT	CAS NUMBER	OSHA PEL	NIOSH REL	ACGIH PEL	IDLH	% WT
	Parachlorobenzotrifluoride	000098-56-6	N/E	N/E	N/E	N/E	20-30
	Oxibismethane	000115-10-6	N/E	N/E	N/E	N/E	20-30
	Acetone	000067-64-1	1000 ppm	250 ppm	500 ppm	750 ppm	10-20
	Xylene	001330-20-7	100 ppm	100 ppm	100 ppm	900 ppm	< 10
	Methyl Alcohol	000067-56-1	200 ppm	200 ppm	200 ppm	6000 ppm	< 1

See Section 11 for LD50 and LC50 Species/Route Information. See Sections 15 and 16 for Symbol Letters and R Phases.

ROUTES OF ENTRY:

Skin Contact		Skin Absorption		Eye Contact		Inhalation		Ingestion	
--------------	--	-----------------	--	-------------	--	------------	--	-----------	--

EFFECTS OF ACUTE EXPOSURE

EYE: Liquid contact may cause pain along with moderate eye irritation.

SKIN: Prolonged or repeated exposure may cause skin irritation. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin.

INGESTION: Due to being an aerosol, the product does not lend itself to ingestion. Should ingestion occur, it may cause irritation to membranes of the mouth, throat, and gastrointestinal tract resulting in vomiting and/or cramps. Aspiration of vomit into the lungs may cause inflammation, and possible chemical pneumonitis, bronchopneumonia, or pulmonary edema.

INHALATION: Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion or death. Irritation of the mucous membranes, coughing, and dyspnoea are also possible.

OTHER HEALTH HAZARD DATA

EFFECTS OF CHRONIC EXPOSURE: Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome"). Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

MEDICAL CONDITIONS AGGRAVATED: May aggravate personnel with pre-existing disorders associated with any of the Target Organs. **PRIMARY HAZARDS:** Sensory Irritation (acetone, xylene), Neuropathy (methyl alcohol)

MATERIAL SAFETY DATA SHEET

Page 2 of 5
Superior Shield Aerosol
Part No. S6531CT Aerosol
Revision 2 . July 30, 2007

CARCINOGEN DATA: Ethyl Benzene (a component of Xylene) is listed with IARC as Class 2B (possible human carcinogen) and with ACGIH as A3 (confirmed animal carcinogen with unknown relevance to humans). Ethyl Benzene is also listed with the State of

California as a carcinogen. None of the other ingredients are considered carcinogenic by OSHA, IARC, NTP, NIOSH or ACGIH. **TARGET ORGANS:** Eyes, skin, respiratory system, central nervous system, liver, kidneys, gastrointestinal tract

OSHA HAZARD CLASSIFICATIONS

HEALTH HAZARD CLASSIFICATION		PHYSICAL HAZARD CLASSIFICATION		
Irritant	Sensitizer	Combustible	Explosive	Pyrophoric
Toxic	Highly Toxic	Flammable	Oxidizer	Water Reactive
Corrosive	Carcinogenic	Compressed Gas	Organic Peroxide	Unstable

INGESTION: Do not induce vomiting! Immediately have the victim drink plenty of water. Do not give milk or digestible oils. Keep airways free. Contact a physician. Never give anything by mouth if victim is rapidly losing consciousness, unconscious, or convulsing. **SKIN:** Remove with soap and water. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing. **EYE:** Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Consult a physician. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.

NOTES TO PHYSICIAN: N/D

CONDITIONS OF FLAMMABILITY: Heat, sparks, flame, red hot metal

SUITABLE MEANS OF EXTINCTION: Water, CO₂, dry chemical, or universal aqueous film forming foam.

UNSUITABLE EXTINGUISHING MEDIA: N/Av

FLASH POINT AND METHOD OF DETERMINATION: Propellant < 0 F, Tagged Closed Cup

FLAMMABLE LIMITS: Lower (LEL): 1.8% @ 25 C Upper (UEL): 9.5% @ 25 C

AUTOIGNITION TEMPERATURE: N/Av

HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon (CO, CO₂), smoke, and vapors as products of incomplete combustion. **EXPLOSION**

DATA - SENSITIVITY TO MECHANICAL IMPACT: N/Av

EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: N/Av

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool fire exposed aerosol containers, as contents can rupture violently from heat developed pressure. Firemen should wear self-contained breathing apparatus.

SPECIAL FIRE AND EXPLOSION HAZARDS: Contents extremely flammable and under pressure.

CONTAINMENT PROCEDURES: Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content should be contained as any other solvent spill.

SPILL CLEANUP: Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.

SPECIAL INSTRUCTIONS: Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilate provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned. See Section 13 for disposal.

REPORTING REQUIREMENTS: Spills due to the rupture of a single aerosol can are generally below any regulatory reporting requirements. However, if larger spills somehow result, the reporting requirements of all governing agencies should be observed.

HANDLING: Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace overcap when not in use.

STORAGE: Storage of individual cans should be done in an area below 120F, and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended. This product is classified as a Level 1 Aerosol.

MATERIAL SAFETY DATA SHEET

Page 3 of 5
Superior Shield Aerosol
Part No. S6531CT Aerosol
Revision 2 - July 30, 2007

EXPOSURE LIMIT VALUES: Since this product is a mixture, an exposure value is not available. In determination of any exposure procedures, protection, or testing, use the lowest rated ingredient from Section 2.

ENGINEERING AND EXPOSURE CONTROLS: General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest PEL rated ingredient from Section 2.

RESPIRATORY PROTECTION: A NIOSH approved respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. If respirators are needed, compliance with OSHA standard 29 CFR 1910.134 is necessary within the United States.

SKIN AND HAND PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. When

EFFECT ON OZONE LAYER: ... This product does not contain any ozone depleting ingredients.

Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

In the United States, an aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.

DOT SHIPPING INFORMATION (United States)
PROPER SHIPPING NAME: Consumer Commodity
HAZARD CLASS: ORM-D
PACKAGING GROUP: None
UN or ID NUMBER: None

ICAO/IATA SHIPPING INFORMATION (International Air)
PROPER SHIPPING NAME: Consumer Commodity
HAZARD CLASS: 9
PACKAGING GROUP: None
UN or ID NUMBER: ID8000

TDG SHIPPING INFORMATION (Canada)
PROPER SHIPPING NAME: . Aerosols, Flammable Ltd Qty
HAZARD CLASS: 21
PACKAGING GROUP: -
UN or ID NUMBER: UN1950

ADR SHIPPING INFORMATION (European Union)
PROPER SHIPPING NAME: Aerosols, Limited Quantity
ADR CLASS: 2
PACKAGING GROUP: -
UN or ID NUMBER: UN1950
CLASSIFICATION CODE: LQ1
HAZARD ID NO.: -

IMDG SHIPPING INFORMATION (International Ocean)

PROPER SHIPPING NAME:	. Aerosols, Limited Quantity		
CLASS:	2	NMFC DESCRIPTION (United States)	
PACKAGING GROUP:	-	ITEM DESCRIPTION:	Paint Related Material
SUBSIDIARY RISK(S):	-	ITEM NO.:	149980 Sub 2
UN or ID NUMBER:	UN1950	CLASS:	55
PACKING INSTRUCTIONS:	. P003		
EmS NO.:	F-D, S-U	NORTH AMERICAN EMERGENCY RESPONSE GUIDE	
STOWAGE:	Category A	ID NUMBER:	8000
M F A G N O .:	620	GUIDE NUMBER:	171

UNITED STATES - FEDERAL:

I N G R E D I E N T	CAS NO	TSCA	RCRA	CERCLA	SARA 313	CAA	CWA
Parachlorobenzotrifluoride	98-56-6	,	-	-	-	-	-
Oxibismethane	115-10-6	,	-	-	-	-	-
Acetone	67-64-1	,	U002	5000#	-	-	-
Xylene	1330-20-7	,	U239	100#	7 %	HAP	100#
Methyl Alcohol	67-56-1	,	U154	5000#	< 1 %	HAP	-