

STAIN SHIELD

STS 1033

**FABRIC PROTECTANT
(Ready to Use Liquid Form)**

**Stain Shield
Suite 800
101 South Hanley Rd.
Saint Louis, Missouri 63105-3391**

PRODUCT INFORMATION SHEET

PRODUCT NAME: Fabric Protectant
PRODUCT ID#: STS 1033

Description: STS 1033 is a OZONE SAFE (contains no OZONE DEPLETING CHEMICALS [ODCs]) solvent based fabric protectant that is especially designed for spray operations. STS 1033 will impart excellent water, soil, and oil repellency to virtually all fabrics and carpeting.

TECHNICAL SPECIFICATIONS:

Weight	-6.7 lbs. per gallon
Color	Amber
Odor	Sweetish solvent
Physical Form	Liquid
Solids	- 13 % ± 1%
Freezing Point	Not Determined
Flash Point	See MSDS
Packaging	5, 30, and 55 gal. Containers

TOXICOLOGY: Keep away from eyes. In case of eye contact rinse with large quantities of clean free flowing water for fifteen minutes. Contact physician if irritation persists. Keep away from skin. In case of skin contact, wash with soap and water. Use with adequate ventilation. Always use in well ventilated area or with proper respiratory protection. Contains Petroleum distillates. Do not ingest. In case of ingestion, give a quart of water to drink and take person to a hospital immediately. Read the Material Safety Data Sheets for more information.

DIRECTIONS FOR USE:

DILUTION: Recommended dilution ratio is 4 - 6%, by weight, with 96 – 94 % Odorless Mineral Spirits or other suitable aromatic and/or aliphatic solvent. It is the responsibility of the end user to determine the proper dilution ratio and diluent solvents for treatment of fabrics or carpeting and to evaluate for health and safety.

COLOR-FASTNESS: The solvents may cause solvent based dyes to run. It is recommended to test fabrics for color-fastness by applying a small amount of product to fabric and noting if there is a color change. If there is a color change, do not treat fabric.

APPLICATION: Apply formulated product with conventional spraying equipment that is resistant to solvents. Always flush system clean at the end of the day to avoid discoloration of product and possible discoloration of fabrics. If aerosolizing this product, a) do not pressurize more than 40 PSI, b) do not use a diluent solvent that has less than seven carbon atoms as this may cause temporary “phasing” of formulated product upon prolonged standing, c) spray particle should be 30 microns or more. For further information consult the enclosed MSDS on **STS 1033**.

CONSULT MATERIAL SAFETY DATA SHEETS (MSDS) FOR FURTHER INFORMATION. All sales are subject to STAIN SHIELD’S CONDITIONS OF SALE.

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : FABRIC PROTECTANT
 IDENTIFICATION NUMBER : STS 1033
 PRODUCT USE/CLASS :
 DATE PREPARED: 11/07/02

MANUFACTURED EXCLUSIVELY FOR:

STAIN SHIELD
 101 SOUTH HANLEY RD. SUITE 800
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PREPARER: RICH KOTTMEYER PHONE: 636-227-0808 PREPARE DATE: 11/07/02

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT 5 LESS THAN
01	N-HEPTANE	142-82-5	0-5 %
02	PETROLEUM DISTILLATES	8052-41-3	50-85 %
03	ETHYL ACETATE	141-78-6	0-5 %
04	BUTYL ACETATE	123-86-4	0-25 %

ITEM	EXPOSURE LIMITS					
	ACGIH		OSHA		COMPANY	
TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN	
01			500 PPM			400 PPM
			2000MG/M3			1640MG/M3
02		100 PPM	100 PPM			100 PPM
						525MG/M3
03			400 PPM			400 PPM
						1400MG/M3
04		150 PPM	150 PPM			150 PPM
						713MG/M3

MATERIAL SAFETY DATA SHEET

SECTION 3 – HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Dermal – Yes Ingestion – Yes Inhalation – Yes

POTENTIAL HEALTH HAZARD (Acute and Chronic):

EYES: mild eye irritant. Direct contact with the solution may cause slight iridal and conjunctival irritation. No permanent damage is anticipated.

SKIN: Can be mildly irritating upon prolonged exposure. May also defat skin.

INHALATION: Can cause symptoms such as, but not limited to, gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard.

INGESTION: Can cause symptoms such as, but not limited to, coughing, dizziness, nausea, fatigue, pulmonary disorders, or asphyxiation. May aggravate pre-existing lung disorders (i.e., asthma).

CARCINOGENICITY:

NTP - NO

IARC MONOGRAPH - NO

OSHA REGULATED - NO

SECTION 4 – FIRST AID MEASURES

EYES: Flush immediately with clean, free flowing water for 15 minutes. Consult a physician if irritation persists.

SKIN: Wash thoroughly with soap and water.

INHALATION: Remove person to fresh air. If not breathing, administer artificial respiration including oxygen. Provide medical attention.

INGESTION: Give a quart or more of water to drink. DO NOT INDUCE VOMITING (aspiration hazard). Never administer liquids by mouth to unconscious persons. Provide medical attention.

MATERIAL SAFETY DATA SHEET

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: > 100° F

METHOD USED: TOC

LOWER EXPLOSIVE LIMIT: ND

UPPER EXPLOSIVE LIMIT: ND

EXTINGUISHING MEDIA: WATER, CO2, DRY CHEMICAL, FOAM.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This material is combustible and may be ignited by extreme heat or flame. Vapors can travel considerable distances to a source of ignition where they can ignite.

SPECIAL FIREFIGHTING PROCEDURES: Use self-contained breathing apparatus when fighting fires involving chemicals.

NA = Not Applicable N/A = Not Available ND = Not Determined

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Observe precautions from other sections. Collect any spills with absorbent material such as vermiculite. Place collected material in a polyethylene lined metal container and seal. Clean up residue with water.

SECTION 7 – HANDLING AND STORAGE

Avoid contact with eyes. Avoid prolonged and repeated skin contact. Avoid breathing vapors. Use with adequate ventilation. Store in a cool dark place. Keep away from heat, flames or sparks. See other precautions listed elsewhere within the MSDS. FOR INDUSTRIAL/PROFESSIONAL USE ONLY.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: none required if ventilation is adequate to keep below TLV.

LOCAL EXHAUST: Recommended to keep air contaminant concentration below the OSHA's PEL and ACGIH's TLV.

MECHANICAL EXHAUST: General ventilation system should be provided.

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SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION *(Continued)*

PROTECTIVE GLOVES: Neoprene rubber gloves.

EYE PROTECTION: Safety goggles.

OTHER PROTECTIVE EQUIPMENT: Eyewash equipment. Apron, coveralls, boots, as necessary to prevent skin contact. Safety shower.

WORK/HYGIENIC PRACTICES: Wash hands thoroughly before handling foodstuffs, liquids, or tobacco products. Do not wear contact lenses when handling or using this product.

OTHER HEALTH HAZARDS: If TLV of any component of the product is exceeded, a NIOSH/MSHA jointly approved respirator must be supplied to personnel and used in accordance with OSHA Regulations. Respiratory protection programs must be in accordance with 29CFR 1910.134.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	:	(deg.F): N.D.
VAPOR PRESSURE	:	(68 deg. F) < 1
VAPOR DENSITY	:	(Air=1.0) > 1
SOLUBILITY IN H ₂ O	:	NONE
SPECIFIC GRAVITY	:	(H ₂ O=1) .80
VOLATILE BY VOLUME:	:	≥ 87 %
VOC CONTENT	:	~ 87 %
VOC EXEMPT COMPONENTS	:	~ 13 %
EVAPORATION RATE	:	(ether=1) <1
APPEARANCE	:	Clear to straw colored transparent liquid.
ODOR	:	SOLVENT

NA = Not Applicable N/A = Not Available ND = Not Determined

SECTION 10 – STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID): Avoid open flames, sparks, hot glowing surfaces or electric arcs.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids, bases, oxidizing agents and selected amines.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Thermal decomposition can produce CO₂, CO and possible traces of phosgene and HF.

MATERIAL SAFETY DATA SHEET

SECTION 10 – STABILITY AND REACTIVITY *(Continued)*

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No information available

SECTION 12 – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with Federal, State, and Local Regulations (May be incinerated in accordance with FEDERAL, STATE AND LOCAL REGULATIONS).

SECTION 14 – TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Petroleum distillates, n.o.s.

UN NUMBER: UN1268

DOT: COMBUSTIBLE LIQUID

SECTION 15 – REGULATORY INFORMATION

STS 1033 has no ingredients subject to reporting requirements of SARA 313 and 40 CFR 372

MATERIAL SAFETY DATA SHEET

SECTION 16 – OTHER INFORMATION

IMPORTANT NOTICE

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NOTICE

KEEP CONTAINERS TIGHTLY CLOSED, KEEP CONTAINERS COOL, DRY, AND AWAY FROM SOURCES OF IGNITION, USE AND STORE THIS PRODUCT WITH ADEQUATE VENTILATION AND/OR RESPIRATORY PROTECTION. AVOID INHALATION OF VAPORS AND PERSONAL CONTACT WITH THE PRODUCT. USE GOOD PERSONAL HYGIENE PRACTICE. "EMPTY" CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OR IGNITION. "EMPTY DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED AND PROMPTLY SHIPPED TO THE SUPPLIER OR A DRUM RECONDITIONER. ALL OTHER CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH GOVERNMENTAL REGULATIONS.

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