

STAIN SHIELD

STS 14000

**CONCRETE/MASONARY PROTECTANT
(WATER BASED)**

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Concrete/Masonry Protector
PRODUCT ID#: STS14000

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : CONCRETE/MASONARY PROTECTANT
 IDENTIFICATION NUMBER : STS14000 DATE PRINTED: 09/08/04
 PRODUCT USE/CLASS :

MANUFACTURED EXCLUSIVELY FOR:
 STAIN SHIELD
 101 SOUTH HANLEY RD. STE 800
 SAINT LOUIS, MISSOURI 63105-3391
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PREPARE DATE: 05/20/04

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV	TWA	PERCENT
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None – water based material

SECTION 3 – HAZARDS IDENTIFICATION

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

POTENTIAL HEALTH HAZARD (Acute and Chronic):

EYES: Very 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 (liquid stage only).

INHALATION: Gross over-inhalation may cause symptoms such as, but not limited to, coughing. May aggravate pre-existing lung disorders.

INGESTION: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CARCINOGENICITY:

NTP - NO

IARC MONOGRAPH - NO

OSHA REGULATED - NO

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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: **Extremely low toxicity (water based product)**. Give a quart or more of water to drink and induce vomiting. Never administer liquids by mouth to unconscious persons. Provide medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: NONE (water based solution)

METHOD USED: TOC

FLAMMABLE LIMITS:

LOWER EXPLOSIVE LIMIT: ND

UPPER EXPLOSIVE LIMIT: ND

EXTINGUISHING MEDIA: WATER – CO2 - DRY CHEMICAL – FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known. Material is non-flammable and non-combustible

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. See other precautions listed elsewhere within the MSDS. FOR INDUSTRIAL/PROFESSIONAL USE ONLY.

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SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: None required if ventilation is adequate to keep below TLV (if any are listed herein).

LOCAL EXHAUST: Recommended to keep air contaminant concentration below the OSHA's PEL and ACGIH's TLV (if any are listed herein).

MECHANICAL EXHAUST: General ventilation system should be provided.

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.

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): 212
VAPOR PRESSURE	:	(68 deg. F): < 1
VAPOR DENSITY	:	(Air=1.0): > 1
SOLUBILITY IN H ₂ O	:	miscible
SPECIFIC GRAVITY	:	(H ₂ O=1) ~ND
VOLATILE BY VOLUME:	:	ND
VOC CONTENT	:	None
VOC EXEMPT COMPONENTS	:	100 % (water and solids)
EVAPORATION RATE	:	(Ether=1) <1
APPEARANCE	:	Milky white
ODOR	:	Slight

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

SECTION 10 – STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID): None known

INCOMPATIBILITY (MATERIALS TO AVOID): None known

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SECTION 10 – STABILITY AND REACTIVITY *(Continued)*

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

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

No information available

SECTION 12 – ECOLOGICAL INFORMATION

No Information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with Federal, State, and Local Regulations.

SECTION 14 – TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Non-Hazardous Liquid, NOI

UN NUMBER: NA

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

SECTION 15 – REGULATORY INFORMATION

STS14000 has no ingredients subject to reporting requirements of SARA 313 and 40 CFR 372

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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.