

**MATERIAL SAFETY DATA SHEET**

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HEALTH = 1, FLAMMABILITY = 0, REACTIVITY = 0, SPECIAL = NONE, DEGREE OF HAZARD: 4 = EXTREME, 3 = HIGH, 2 = MODERATE, 1 = SLIGHT, 0 = INSIGNIFICANT

PRODUCT NAME: **STAINSHIELD PROFESSIONAL**

DOCUMENT CODE: Stain Shield Professional

CHEMICAL FAMILY: Aqueous flourochemical dispersion.

DATE: 11/18/94

DATE REVIEWED: 08/25/99

**EMERGENCY 24-HOUR TELEPHONE # 1-800-424-9300 (CHEMTREC)**

N/A = Not applicable

N/D = Not determined

**SECTION I: HAZARDOUS INGREDIENTS/HEALTH HAZARD DATA**

This product has not been tested as a whole for health effects on animals or humans. According to the OSHA Hazardous Communications Standard (29 CFR 1910.1200) any hazardous ingredients that comprise >1.0% of the material and any carcinogenic ingredients that comprise >0.1% must be listed on the MSDS.

**SECTION I (a): List of carcinogenic ingredients at >0.1%.**

None.

**SECTION I (b): List of hazardous ingredients at >1.0%.**

NAME	CAS NO.
<b>PERFLUORO ALCOHOL/ALKYL CONDENSATE</b>	<b>Not Available</b>

May cause eye irritation. Prolonged or repeated skin exposure may cause irritation. Inhalation of mist or aerosol may be harmful and lead to chemical pneumonia. Oral rat LD50 is >5000 mg/kg. OSHA PEL and ACGIH TLV not available.

**SECTION II: EMERGENCY AND FIRST AID PROCEDURES**

EYES: Flush with water for at least 15 min. If irritation persists consult physician.

SKIN: Remove contaminated clothing. Thoroughly wash exposed skin with soap and water.

INHALED: Remove to fresh air. If symptoms persist or are severe get prompt medical attention.

INGESTION: Drink 1 - 2 glasses of water. Consult physician.

PHYSICIAN: Manufacturer believes this material to be practically non-toxic. Treatment based on judgment of attending physician.

**SECTION III: PHYSICAL / CHEMICAL DATA**

APPEARANCE AND ODOR: Opaque off-white liquid with polymeric odor.

WATER SOLUBILITY, % BY WT: All proportions.

SPECIFIC GRAVITY: 1.00 - 1.01

% VOLATILE BY WT.: 96 - 98

pH @ USE: 5.5 - 6.5

pH: 6.0 - 7.0

WT/GAL: 8.4 lbs.

BOILING POINT: N/D

**SECTION IV: FIRE AND EXPLOSION DATA**

FLASH POINT: &gt; 200 degrees F (TCC) AUTO-IGNITION TEMPERATURE: N/D

EXPLOSIVE LIMITS - LEL: N/D UEL: N/D

EXTINGUISHING MEDIA: Foam, CO<sub>2</sub>, water fog or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Use NIOSH/MSHA approved self-contained positive-pressure breathing apparatus and protective clothing where this material is involved in a fire.

UNUSUAL FIRE AND EXPLOSION HAZARD: None known.

**SECTION V: REACTIVITY DATA**

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY: In concentrated form do not mix with strong acids, alkaline material and oxidizing agents.

HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS: Possibly oxides of carbon or nitrogen, ammonia, halide compound and other unidentified organic compounds.

**SECTION VI: SPILLS, LEAKS AND DISPOSAL PROCEDURES**

WASTE DISPOSAL: In accordance with Federal, State and Local regulations.

NEUTRALIZING CHEMICALS: Water.

**SECTION VII: PROTECTION MEASURES**

VENTILATION: Local exhaust or dilution ventilation may be necessary in poorly ventilated areas.

EYE PROTECTION: Safety glasses. Wear splash goggles and or face shield when airborne mists or aerosol are anticipated.

RESPIRATORY PROTECTION: When mists or aerosols are anticipated, wear NIOSH/MSHA approved respirator equipped with organic vapor cartridges with high-efficiency particulate filters.

GLOVES: Rubber gloves.

OTHER PROTECTIVE EQUIPMENT: Body-covering clothing should be worn.

**SECTION VIII: SPECIAL PRECAUTIONS**

One should always use chemicals with awareness of potential hazards, known and unknown, and their effect on the human system. We urge users to minimize employee exposure to all chemicals, including this product and to keep the level of exposure commensurate with good industrial hygiene practices.

**DISCLAIMER OF LIABILITY**

The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material and the results to be obtained from the use thereof.