

SECTION 1-PRODUCT AND COMPANY INFORMATION**PRODUCT NUMBER**

T2G-__-CC

PRODUCT NAME

Sentry Floor Shield H2O

Regulatory Information 800-424-8802**Medical Emergency** 911**Transportation Emergency*** 800-424-9300

*for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)

| NFPA Est. | HMIS Est. |
|-----------------------------|-----------|
| Health: 1 Chronic Effect | Health: 1 |
| Fire: 1 | Fire: 1 |
| React: 0 | React: 0 |

SECTION 2-PHYSICAL AND CHEMICAL PROPERTIES**BOILING POINT** :~100°C. ~212°F (typical)**SPECIFIC GRAVITY (H2O = 1)** : ~1.06**FREEZING POINT** :~100°C. ~212°F (typical)**VAPOR PRESSURE AT 20°C.** :~100°C. ~212°F (typical)**VAPOR DENSITY AT ONE ATM, 20°(air = 1)** : <1**EVAPORATION RATE AT 20°C. (but. acet. = 1)** : <1**SOLUBILITY IN WATER by wt** :complete**APPEARANCE AND ODOR** :aqueous milky liquid with slight acrylate odor**pH** :7.9 – 8.6**V.O.C. (g/l)** :95, no petroleum distillates, no CFC's

SECTION 3-COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient | C.A.S. Number | Concentration % | ACGIH TLV | HAZARD |
|---|----------------------|------------------------|------------------|---------------|
| Self-crosslinking nano copolymer | Proprietary | 23-25 | 1000 ppm | See Section 5 |
| Ammonia | Proprietary | <1.0 | See Section 5 | See Section 5 |
| Surfactants, defoamers, plasticizers | 64-17-5 | <5.0 | 1000 ppm | See Section 5 |
| Mixed Glycol Ethers | 540-88-5 | 3.0 | 200 ppm | See Section 5 |
| Water | Proprietary | 56-66 | N/A | N/A |

SECTION 4-HAZARDS IDENTIFICATION**ROUTES OF EXPOSURE**

INHALATION of vapor or spray mist

EYE or SKIN contact with the product, vapor, or spay mist

EFFECTS OF OVEREXPOSURE

EYES: irritation, redness

SKIN: irritation, redness

INHALATION: headaches or dizziness

SECTION 5-FIREFIGHTING MEASURES

FLASH POINT (test method(s)): Not applicable

FLAMMABLE LIMITS IN AIR, by volume:

LOWER: Not applicable (low-volatility aqueous system)

UPPER: Not applicable (low-volatility aqueous system)

EXTINGUISHING MEDIA: Non-flammable (aqueous system): Use water spray, foam, or dry chemical. CO₂ may be ineffective on large fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Material will not burn until water has evaporated. Container may rupture on heating.

SPECIAL FIREFIGHTING PROCEDURES: Wear full protective fire gear including self-contained breathing apparatus operated in a positive pressure mode with full face piece, coat, pants, gloves and boots.

SECTION 6-HEALTH HAZARD DATA**TLV AND SOURCE:**

Ammonia 25ppm (ACGIH & OSHA) 35ppm PEL's STEL (ACGIH; OSHA)

EFFECTS OF SINGLE OVEREXPOSURE:

SWALLOWING: May cause gastrointestinal irritation. Ammonia, although contained in minute concentration, must be noted as toxic by ingestion. LD50, Oral-rat: 10,000mg/Kg. based on data from components or similar materials.

SKIN ABSORPTION: Note expected to be a primary skin irritant.

INHALATION: If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.

SKIN CONTACT: Brief contact is not irritating. Prolonged contact, as from clothing wet with material, may cause irritation.

EFFECTS OF REPEATED OVEREXPOSURE: Overexposure to vapors or mist may cause dizziness, headache, nausea and/or flu-like symptoms.

OTHER EFFECTS OF OVEREXPOSURE: No data available to indicate product or components may be a skin or respiratory sensitizer.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: Pre-existing skin conditions may be aggravated by prolonged or repeated exposure. Persons with sensitive airways (e.g. asthmatics) may react to vapors.

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH HAZARD EVALUATION None currently known.

SECTION 7- EMERGENCY AND FIRST AID PROCEDURES

SWALLOWING: Treat symptomatically. Get medical attention.

SKIN: Wash with soap and water. Get medical attention if irritation develops.

INHALATION: Remove exposed person to fresh air if adverse effects are observed.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, obtain medical attention, preferably from an ophthalmologist.

NOTES TO PHYSICIAN: Treat symptomatically.

SECTION 8-STABILITY AND REACTIVITY

STABILITY: Material is normally stable at moderately elevated temperatures and pressures.

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY (materials to avoid): Acids, bases, strong oxidizing agents.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Under combustion conditions, oxides of nitrogen will be formed. Irritating and toxic substances may be emitted upon combustion, burning or decomposition of dry solids. Nitrogen oxides. Acrylate monomers.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 9-CHEMICAL AND PHYSICAL PROPERTIES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wear personal protective equipment. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers or waterways. Spilled liquid and dried film may be slippery. Pick up free liquid for recycle or disposal. Residual liquid can be absorbed on inert material. Wash spill area with soap and water.

WASTE DISPOSAL METHOD: Dispose of or incinerate in accordance with appropriate federal, state and local regulations.

SECTION 10-SPECIAL/PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): None expected to be needed when rolled or brushed. for vapor.

VENTILATION: Use local exhaust ventilation.

PROTECTIVE GLOVES: Chemically protective gloves.

EYE PROTECTION: Safety glasses. NIOSH organic approved suggested.

SECTION 11-SPECIAL PRECAUTIONS [HANDLING/STORAGE/USE]

WARNING: Avoid contact with eyes, skin and clothing. Do not swallow. When handling, do not eat, drink or smoke. Wash thoroughly after handling. Keep out of reach of children.

HANDLING: Keep containers closed when not in use. Minimize contact with air to reduce contamination with mold, fungus or other organisms which could cause decomposition or spoilage. Keep from freezing.

FOR INDUSTRY USE ONLY

OTHER PRECAUTIONS: Dispose of packaging or containers in accordance with local, regional, national and international organizations.

SECTION 12-REGULATORY INFORMATION

STATUS ON SUBSTANCE LISTS: Concentrations shown are maximum or ceiling levels (weight %) to be used for calculations for regulations.

FEDERAL EPA

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4.

Components present in this product at a level which could require reporting under the statute are: NONE
SARA 302, 304, 311 and 312: Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TRQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355.

Components present in this product at a level which could require reporting under the statute are: NONE
SARA 313: Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372.

This information must be included in all MSDSs that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are: NONE

STATE RIGHT-TO-KNOW

CALIFORNIA Proposition 65: This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute. Moreover, we do not routinely analyze its products for impurities which may be such chemicals.

MASSACHUSETTS 105 CMR 670.000 Right-to-know, Substance List (MSL) Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products.

Components present in this product at a level which could require reporting under the statute are: NONE
PENNSYLVANIA Right-to-Know, Hazardous Substance List

Hazardous Substances and Special Hazardous Substances on the List must be identified when present in products.

Components present in this product at a level which could require reporting under the statute are: NONE

ENVIRONMENTAL TOXICITY: NONE DETERMINED

WASTE DISPOSAL: This material is not a hazardous waste under RCRA Regulation 40CFR 261. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.

TRANSPORT INFORMATION: Not regulated: ICAO/IATA I and II; U.S. DOT (Bulk, Intermediate and Non-Bulk), Canada, Mexico Not applicable IMDG, IMDG EMS Fire and EMS Spill; U.S. DOT NAERG (Bulk, Intermediate and Non-Bulk)

GLOBAL CHEMICAL INVENTORIES

USA: The ingredients of this product are on the TSCA inventory.

AUSTRALIA: All components are in compliance with chemical notification requirements in Australia

NEW ZEALAND: All components are in compliance with chemical notification requirements in New Zealand

CANADA: This material or products containing this material may be exported to Canada in limited quantities.

CHINA: All components of this product are listed on the Inventory of Existing Chemical Substances in China.

OTHER REGULATORY INFORMATION: EPA Hazard Categories: IMMEDIATE HEALTH HAZARD, DELAYED HEALTH HAZARD. Described herein, are required.