SAFETY DATA SHEET


1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANYUNDERTAKING

IDENTIFICATION OF THE MIXTURE
TRADE/MATERIAL NAME:
SpecSeal® Cast in Firestop Device
RELEVANT USE of the SUBSTANCE:
Firestop Device
USES ADVISED AGAINST:
None
SUPPLIER/MANUFACTURER’S NAME:
Specified Technologies, Inc.
Address: 210 Evans Way, Somerville, New Jersey 08876
Business Phone: (908) 526-8000 (8:00am to 5:00pm Eastern Standard Time)
Emergency Phone: U.S., Canada: 1-800-255-3924 (24 hrs)
International: +1-813-248-0585 (collect-24 hrs)

EMAIL of Competent Person for Information on SDS: techserv@stifirestop.com
NOTE: ALL United States Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalent Standards, Canadian WHMIS [Controlled Products Regulations], Mexican NOM018-STPS 2000, SPRING Singapore, and Japanese JIS Z7250 required information is included in appropriate sections based on the U.S. ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the countries listed above. This product is defined as an “Article” under the U.S. Federal OSHA Hazard Communication Standard (29 CFR 1910.1200), EU Directives, and the Canadian Workplace Hazardous Materials Standard. Refer to Section 15 (Regulatory Information) for specific regulatory citations. As an article, this product presents negligible health and physical hazards under reasonably anticipated circumstances of use. Subsequently, a Material Safety Data Sheet is not required under Standards cited above. This document is prepared to provide persons using this product with additional safety information.

2. HAZARD IDENTIFICATION

GLOBAL HARMONIZATION AND EU CLP REGULATION (EC) 1272/2008 LABELING AND CLASSIFICATION: This product is an article and is not required to be classified under CLP Regulation (EC) 1272/2008.
EU 67/548/EEC LABELING AND CLASSIFICATION: This product is an article and is not required to be classified under European Community Council Directive 67/548/EEC or subsequent Directives.
KOREAN ISHA (Notice 2009-68) LABELING AND CLASSIFICATION: As an article, this product is not subject to ISHA Notice 2009-68.

3. COMPOSITION and INFORMATION ON INGREDIENTS

This product is an article and as such no components of this product pose a hazard; no component information is given in this SDS.

4. FIRST-AID MEASURES

Skin Exposure: As an article, no need for first aid is anticipated.
Inhalation: As an article, no need for first aid is anticipated.
Eye Exposure: As an article, no need for first aid is anticipated.
Ingestion: As an article, no need for first aid is anticipated.

5. FIRE-FIGHTING MEASURES

FIRE EXTINGUISHING MEDIA: Use extinguishing materials suitable for the surrounding area.
UNSUITABLE FIRE EXTINGUISHING MEDIA: None known.
UNUSUAL FIRE AND EXPLOSION HAZARDS: This product is formulated to be non-flammable and non-combustible.
SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS: No Special protective actions for fire-fighters are anticipated.
6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS AND EMERGENCY PROCEDURES: Not applicable.
PERSONAL PROTECTIVE EQUIPMENT: Not applicable.
METHODS FOR CLEAN-UP AND CONTAINMENT: Not applicable.
ENVIRONMENTAL PRECAUTIONS: Not applicable.

7. HANDLING and STORAGE

PRECAUTIONS FOR SAFE HANDLING: No special requirements.
CONDITIONS FOR SAFE STORAGE: No special requirements.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/CONTROL PARAMETERS: As an article which does not release or otherwise result in exposure to hazardous chemicals under normal use, no personal protective equipment (PPE) is required.

9. PHYSICAL and CHEMICAL PROPERTIES

FORM: Solid
COLOR: Multiple.
ODOR: Not available.
ODOR THRESHOLD: Not available.
FLAMMABLE LIMITS (in air by volume, %): Not available.
OXIDIZING PROPERTIES: Not applicable.
DECOMPOSITION TEMPERATURE: Not available.
PERCENT VOLATILE: 0
AUTOIGNITION TEMPERATURE: Not available.
FLASH POINT: Not available.
FREEZING/MELTING POINT: Not available.
BOILING POINT: Not applicable.
VAPOR PRESSURE: Not applicable.
SPECIFIC GRAVITY (water = 1): Not applicable.
VAPOR DENSITY (air = 1): Not applicable.
CARB VOC: Not applicable.
SPECIFIC GRAVITY (water = 1): Not applicable.
SOLUBILITY IN WATER: Insoluble.
SOLUBILITY IN SOLVENTS: Not applicable.
COEFFICIENT WATER/OIL DISTRIBUTION: Not established.
SCAQMD (U.S. EPA Method 24): Not applicable.
CARB VOC: Not applicable.
PERSISTENCE AND BIODEGRADABILITY: No specific information is available regarding persistence and biodegradability.
BIO-ACCUMULATION POTENTIAL: This product has not been tested for bio-accumulation potential.
ECOTOXICITY: This product has not been tested for aquatic or animal toxicity. All releases to terrestrial, atmospheric and aquatic environments should be avoided.
13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS:** Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

**U.S. EPA WASTE NUMBER:** Not applicable.

14. TRANSPORTATION INFORMATION

**U.S. DEPARTMENT OF TRANSPORTATION REGULATIONS:** This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

**TRANSPORT CANADA TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:** This product is not classified as Dangerous Goods, per regulations of Transport Canada.

**INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):** This product is not classified as dangerous goods under rules of IATA.

**INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:** This product is not classified as Dangerous Goods by the International Maritime Organization.

**OFFICIAL MEXICAN STANDARD; REGULATION FOR THE TRANSPORT OF DANGEROUS GOODS AND RESIDUES:** This product is not classified as Dangerous Goods, per transport regulations of Mexico.

**SINGAPORE STANDARD 286: PART A:** This product has no requirements under the Specification for Caution Labeling for Hazardous Substances, Part 4: Marking of Packages, Containers and Vehicles, and do not meet the criteria for any hazard class under this regulation.

**TRANSPORT IN BULK ACCORDING TO THE IBC CODE:** See the information under the individual jurisdiction listings for IBC information.

**ENVIRONMENTAL HAZARDS:** This material does not meet the criteria of environmentally hazardous according to the criteria of the UN Model Regulations (as reflected in the IMDG Code, ADR, RID, and ADN) and is not listed in Annex III under MARPOL 73/78.

15. REGULATORY INFORMATION

**UNITED STATES REGULATIONS:**

- **U.S. SARA Reporting Requirements:** As an article, this product is not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.
- **U.S. SARA Hazard Categories (Section 311/312, 40 CFR 370-21):** ACUTE: No; CHRONIC: No; FIRE: No; REACTIVE: No; SUDDEN RELEASE: No
- **U.S. SARA Threshold Planning Quantity (TPQ):** As an article, this product is not subject to Threshold Planning Quantities, per 40 CFR 370.20.
- **U.S. CERCLA Reportable Quantity (RQ):** Not applicable.
- **U.S. TSCA Inventory Status:** Components of this product are listed on the TSCA Inventory.
- **California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):** No component is on the California Proposition 65 lists.

**CANADIAN REGULATIONS:**

- **Canadian DSL/NDSL Inventory Status:** Components are on the DSL or NDSL Inventories.
- **Canadian Environmental Protection Act (CEPA) Priorities Substances Lists:** Components are not on the CEPA Priorities Substances Lists.
- **Canadian WHMIS Classification and Symbols:** As an article, this product is not subject the Controlled Product Regulations.

**CHINESE REGULATIONS:**

- **Chinese Inventory of Existing Chemical Substances Status:** As an article, this product is not subject to requirements under the Chinese Inventory of Existing Chemical Substances (IECSC).

**JAPANESE REGULATIONS:**

- **Japanese ENCS:** As an article, this product is not subjected to requirements under ENCS Inventory.
- **Japanese Ministry of Economy, Trade, and Industry (METI) Status:** As an article, this product is not subjected to requirements under the Japanese METI.
- **Poisonous and Deleterious Substances Control Law:** As an article, this product is not subjected to requirements under the Poisonous and Deleterious Substances Control Law.

**KOREAN REGULATIONS:**

- **Korean Existing Chemicals List (ECL) Status:** As an article, this product is not subjected to requirements under the Korean ECL Inventory.

**MEXICAN REGULATIONS:**

- **Mexican Workplace Regulations (NOM-018-STPS-2000):** This product is not classified as hazardous.

**SINGAPORE REGULATIONS:**

- **List of Controlled Hazardous Substances:** As an article, this product is not subjected to requirements under the Singapore List of Controlled Substances.

**SINGAPORE REGULATIONS (continued):**

- **Code of Practice on Pollution Control Requirements:** As an article, this product is not subjected to requirements under the Singapore Code of Practice on Pollution Control.

**TAIWANESE REGULATIONS:**

- **Taiwan Existing Chemical Substances Inventory Status:** As an article, this product is not subjected to requirements under the Taiwan Existing Chemicals List.
DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these, which are commonly used, are included below:

CAS #: This is the Chemical Abstract Service Number that uniquely identifies each constituent.

PEC #: This is the Limit of Quantitation.

STEL: Short-Term Exposure Limit.

TRI: Toxics Release Inventory.

UN#: The identification number used by the United Nations to identify hazardous materials.

UNCLASSIFIED: This is the Chemical Abstract Service Number that uniquely identifies each constituent.

16. OTHER INFORMATION

REVISI0N DETAILS: January 20, 2017 reviewed, no changes.

REFERENCES AND DATA SOURCES: Contact the supplier for information.

METHODS OF EVALUATING INFORMATION FOR THE PURPOSE OF CLASSIFICATION: Criteria of the GHS were used for classification.
NATIONAL FIRE PROTECTION ASSOCIATION HAZARD RATINGS:

DEFINITION OF TERMS (Continued):

HEALTH HAZARD: 6 Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials. Gases and vapors with an LC50 for acute inhalation toxicity greater than 10,000 ppm. Dusts and mists with an LC50 for acute inhalation toxicity greater than 200 mg/L. Materials with an LC50 for acute inhalation toxicity greater than 5,000 ppm but less than or equal to 10,000 ppm. Dusts and mists with an LC50 for acute inhalation toxicity greater than 10 mg/L but less than or equal to 20 mg/L. Materials with an LD50 for acute dermal toxicity greater than 10,000 mg/kg but less than or equal to 2000 mg/kg. Materials with an LD50 for acute dermal toxicity greater than 1000 mg/kg but less than or equal to 2000 mg/kg. Materials with an LD50 for acute dermal toxicity greater than 50 mg/kg but less than or equal to 500 mg/kg. 3 Materials that, with an LD50 for acute inhalation toxicity greater than 200 mg/kg but less than or equal to 1000 mg/kg. 2 Materials that, with an LD50 for acute oral toxicity greater than 500 mg/kg but less than or equal to 1000 mg/kg. 2 Materials that, with an LC50 for acute oral toxicity greater than 50 mg/kg but less than or equal to 500 mg/kg. 2 Materials that, with an LC50 for acute oral toxicity greater than 10,000 ppm but less than or equal to 10,000 ppm. Any liquid whose saturated vapor concentration at 20°C (68°F) is equal to or greater than one-fifth its LC50 for acute inhalation toxicity, if its LC50 is less than or equal to 5000 ppm and that does not meet the criteria for either degree of hazard 3 or degree of hazard 4. Dusts and mists with an LC50 for acute inhalation toxicity greater than 2 mg/L but less than or equal to 10 mg/L. Materials with an LC50 for acute dermal toxicity greater than 200 mg/kg but less than or equal to 1000 mg/kg. Compressed liquid gases with boiling points between -218°C (-361°F) and -65°C (-85°F) that cause severe tissue damage, depending on duration of exposure. Materials that are respiratory irritants. Materials that cause severe, but reversible irritation to the eyes or are lacrimatory agents. Materials that are primary skin irritants or sensizers. Materials whose LC50 for acute oral toxicity is greater than 50 mg/kg but less than or equal to 500 mg/kg. Materials that, under emergency conditions, can cause serious or permanent injury. Gases with an LC50 for acute inhalation toxicity greater than 1,000 ppm but less than or equal to 3,000 ppm. Any liquid whose saturated vapor concentration at 20°C (68°F) is equal to or greater than one-fifth its LC50 for acute inhalation toxicity, if its LC50 is less than or equal to 3000 ppm and that does not meet the criteria for degree of hazard 4. Dusts and mists with an LC50 for acute inhalation toxicity greater than 0.35 mg/L but less than or equal to 2 mg/L. Materials with an LC50 for acute dermal toxicity greater than 40 mg/kg but less than or equal to 200 mg/kg. Materials that are corrosive to the respiratory tract. Materials that are corrosive to the eyes or cause irreversible corneal opacity. Materials corrosive to the skin. Cryogenic gases that cause frostbite and irreversible tissue damage. Compressed liquefied gases with boiling points below -45°C (-49°F) that cause irreversible and irreversible thermal damage. Materials with an LC50 for acute oral toxicity greater than 5 mg/kg but less than or equal to 50 mg/kg.

HEALTH HAZARD (continued): 4 Materials that, under emergency conditions, can be lethal. Gases with an LC50 for acute inhalation toxicity less than or equal to 1,000 ppm. Any liquid whose saturated vapor concentration at 20°C (68°F) is equal to or greater than ten times its LC50 for acute inhalation toxicity, if its LC50 is less than or equal to 5000 ppm. Dusts and mists whose LC50 for acute inhalation toxicity is less than or equal to 0.5 mg/L. Materials whose LD50 for acute dermal toxicity is less than or equal to 40 mg/kg. Materials whose LC50 for acute oral toxicity is less than or equal to 5 mg/kg.

FLAMMABILITY HAZARD: 8 Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand. Materials that will not burn in air when exposed to a temperature of 816°C (1500°F) for a period of 5 minutes in accordance with Annex D of NFPA 704. 1 Materials that must be preheated before ignition can occur. Materials in this degree require considerable preheating, under all ambient temperature conditions, to achieve a temperature to which the material will burn, or to a temperature of 816°C (1500°F) for a period of 5 minutes in accordance with Annex D of NFPA 704. 1 Liquids, solids, and semisolids having a flash point at or above 94.3°C (200°F) (i.e. Class IIIB liquids) or a solid material that burns when tested using the Method of Testing for Sustained Combustibility, per 49 CFR 173, Appendix H or the UN Recommendations on the Transport of Dangerous Goods, Model Regulations (current edition) and the related Manual of Tests and Criteria (current edition). Liquids with a flash point greater than 35°C (95°F) in a water-miscible solution or dispersion with a water content of 50% or more. Liquids that have no fire point when tested by ASTM D 92, Standard Test Method for Flash and Fire Points by Cleveland Open Cup, up to the boiling point of the liquid or up to a temperature at which the sample being tested shows an obvious physical change. Combustible solids with a representative diameter of greater than 2 mm (10 mesh). Most ordinary combustible materials. Solids containing greater than 0.5% by weight of a flammable or combustible solvent are rated by the closed cup flash point of the solvent. 3 Liquids and solids that can be ignited under almost all ambient temperature conditions or that will burn in closed vessels or small quantities to produce hazardous atmospheres with air. Liquids having a flash point at or above 37.8°C (100°F) and below 93.4°C (200°F) (i.e. Class II liquids). Solids that are in the form of powders or coarse dusts of representative diameter between 420 microns (40 mesh) and 2 mm (10 mesh) that burn rapidly or completely vaporize at atmospheric pressure and normal ambient temperature. Much of the information related to fire and explosion is derived from the National Fire Protection Association and the American Society of Metallurgical Engineers.

ECOLICAL INFORMATION: TC: Effect concentration in water. BCF: Bioconcentration Factor, which is used to determine if a substance is likely to bioaccumulate in organisms. MLC: Median lethal concentration; EC50: Half maximal effective concentration. Kow: Octanol-water partition coefficient.
