1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

IDENTIFICATION OF THE MIXTURE

TRADE/MATERIAL NAME: SpecSeal® Closet Flange Firestop Gasket

RELEVANT USE of the SUBSTANCE: Firestop Device

USES ADVISED AGAINST: Other than Relevant Use

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: Red with Black
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): 1.38
VAPOR DENSITY (air = 1): Not applicable.
CARB VOC: Not applicable.
EVAPORATION RATE (n-BuAc = 1): Not applicable.
SCAQMD (U.S. EPA Method 24): Not applicable.
SOLUBILITY IN WATER: Insoluble.
SOLUBILITY IN SOLVENTS: Not applicable.
COEFFICIENT WATER/OIL DISTRIBUTION: Not established.
pH: Not applicable.

10. STABILITY and REACTIVITY

CHEMICAL STABILITY: This product is stable when properly stored at normal temperatures.

11. TOXICOLOGICAL INFORMATION

SYMPTOMS OF EXPOSURE BY ROUTE OF EXPOSURE:

Inhalation: Due to the form of the product, inhalation is unlikely.

Contact with Skin or Eyes: Due to the form of the product, contact with the eyes is unlikely.

Skin Absorption: Due to form of product, skin absorption is not a likely route of exposure.

Ingestion: Ingestion is not a likely route of exposure, due to the form of the product.

Injection: Injection is not likely, due to the form of the product.

12. ECOLOGICAL INFORMATION

MOBILITY: As an article, this product will not be mobile in soil.
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 subjected 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.
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, include the following:

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

**EC**: European Chemicals Agency (ECHA).

**IDLH**: Immediately Dangerous to Life and Health. This level represents a concentration from which one can escape within 30-minutes without suffering escape-preventing or permanent injury.

**LD**: Lethal Dose.

**MSDS**: Material Safety Data Sheet.

**PEL**: Permissible Exposure Limit; the concentration of a substance to which nearly all workers may be repeatedly exposed without adverse health effects over a 10-hr time-weighted average.

**TLV**: Threshold Limit Value; the concentration of a substance to which nearly all workers may be repeatedly exposed without adverse health effects over a 8-hr time-weighted average.

**WEll**: Workplace Environmental Exposure Limits from the AIHA.

**OSH**: Occupational Safety and Health Administration.

**HAZARDOUS MATERIALS IDENTIFICATION SYSTEM HAZARD RATINGS (continued)**

**Flammability HAZARD**: Materials that are more flammable than the equivalent pure material. Hazard ratings increasing from 0 to 4 indicate that the material is less flammable than the pure material.

**Explosives**: Substances that may react violently with water.

**Organic Peroxides**: Substances that may polymerize, decompose, or self-react at ambient temperature and/or pressure and have little or no potential to cause significant heat generation or explosion hazard.

**Physical HAZARD**: Materials that are normally stable, but can become unstable at high temperatures and pressures. These materials may react with water, but will not release energy volatilently.

**Water Reactivity**: Materials that may be extremely rapid, usually by reason of self-contained oxygen.

**Hazardous Materials Identification System HAZARD RATINGS**: This rating system was developed by the National Paint and Coating Association and has been adopted by industry to identify the degree of chemical hazards.

**FLAMMABILLY HAZARD**: Materials that will burn in air when exposure to a temperature of 815°C (1500°F) for a period of 5 minutes.

**Germ Cell Mutagen Category**

- **Group A**: Materials in the form of course dusts that may burn rapidly but that generally do not form explosive atmospheres.
- **Group B**: Substances in a fibrous or shredded form that may burn rapidly and create flash fire hazards (e.g., cotton, sisal, hemp).
- **Group C**: Solids and sensitisers (e.g. viscous and slow flowing as asphalt) that readily give off flammable vapors.
- **Group D**: Not applicable (Category 4 carcinogenic materials). By definition, germ cell mutagens are genotoxic. Therefore, a Category 4 for germ cell mutagens cannot apply. At some time in the future it is possible that a Category 4 classification for substances with primary targets other than DNA (e.g. purely aneugenic substances) if research results indicated that the germ cell mutagenic potential of these substances was greater than 5; germ cell mutagens, the potency of which is considered to be so low, that provided the MAK value is observed, an additional category is expected not to be significant.

**Dermal Toxicity LD50 Rat or Rabbit**

**OSHA**: Occupational Safety and Health Administration.

**Toxicological Data**: All the information collected about the toxicological effects of a substance.

**Spéciale® Closet Flange Firestop Gasket SDS EFFECTIVE DATE: January 30, 2017**

**METHODS OF EVALUATING INFORMATION FOR THE PURPOSE OF CLASSIFICATION**: Criteria of the GHS were used for classification.

**PEL**:

- **Group A**: Materials that ignite spontaneously when exposed to air at a temperature of 10°C (50°F). Solids may react violently with water, but will not release energy volatilently.
- **Group B**: Materials that may react violently with water.
- **Group C**: Substances that may polymerize, decompose, or self-react at ambient temperature and/or pressure and have little or no potential to cause significant heat generation or explosion hazard.
- **Group D**: Not applicable (Category 4 carcinogenic materials).

**Reactive HAZARD**: Materials that are extremely rapid, usually by reason of self-contained oxygen.

**Hazardous Materials Identification System HAZARD RATINGS**: This rating system was developed by the National Paint and Coating Association and has been adopted by industry to identify the degree of chemical hazards.

**Appearance**: The physical appearance of the material.

**Odor**: The characteristic smell or smell of a material.

**Odor Threshold Value**: The concentration of a substance at which the human nose is no longer able to detect the odor.

**Odor Degree**: First, second, or third degree.

**Odor Concentration**: The concentration of a substance necessary to produce a specified degree of odor.

**Odor Intensity**: The degree of odor as perceived by the human nose.

**Odor Species**: The species of an odor.

**Odor Characteristic**: The characteristic of an odor.

**Odor Duration**: The duration of an odor.

**Odor Intensity Factor**: The intensity of an odor.

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DEFINITION OF TERMS (Continued)

NATIONAL FIRE PROTECTION ASSOCIATION HAZARD RATINGS:

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/kg. Materials with an LD50 for acute oral toxicity greater than 2000 mg/kg. Materials essentially non-irritating to the respiratory tract, eyes, and skin. 1 Materials under emergency conditions, cause significant irritation. Gases and vapors 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 LD10 for acute dermal toxicity greater than 1000 mg/kg but less than or equal to 2000 mg/kg. Materials with an LD50 for acute oral toxicity greater than 50 mg/kg but less than or equal to 500 mg/kg. 3 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 fifty-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 liquefied gases with boiling points between -45°C (-49°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 lacrimatogenic. Materials that are primary skin irritants or sensizers. Materials whose LD50 for acute oral toxicity is greater than 50 mg/kg but less than or equal to 500 mg/kg. 3 Materials that, under emergency conditions, can cause temporary incapacitation or residual injury. Gases with an LC50 for acute inhalation toxicity greater than 3,000 ppm but less than or equal to 5,000 ppm. Any liquid whose saturated vapor concentration at 20°C (68°F) is equal to or greater than one fifty-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 3 or degree of hazard 4. Dusts and mists with an LC50 for acute inhalation toxicity greater than 50 mg/kg but less than or equal to 100 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 tissue damage. Materials with an LC50 for acute inhalation toxicity greater than 2 mg/L but less than or equal to 5 mg/L. 3 Materials that, under emergency conditions, can cause temporary incapacitation or residual injury. 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 1000 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 oral toxicity is less than or equal to 5 mg/kg. FLAMMABILITY HAZARD: 6 Materials that will not burn under typical fire conditions, including intrinsically non-combustible 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. 2 Materials that will burn in air but not to a temperature of 816°C (1500°F) for a period of 5 minutes in accordance with Annex D of NFPA 704. 4 Liquids, solids, and semisolids having a flash point at 95°C (203°F) or below, and a boiling point below 22.8°C (73°F) and have an autoignition temperature below 22.8°C (73°F) or are readily dispersible in air and will burn readily. Flash Point Minus 10°C (14°F) (i.e. Class IB and IC liquids). 3 Materials that have an estimated instantaneous power density (product of heat of reaction and reaction rate) at 250°C (482°F) of less than 0.01 W/mL. Much of the information related to fire and explosion is derived from the National Fire Protection Association’s Firefighter’s Handbook. Flash Point Minus 10°C (14°F) (i.e. Class IB and IC liquids). 3 Materials that are flammable or combustible and will burn readily when exposed to air and may burn with sufficient vapor to form an ignitable mixture with air near the surface of the liquid or within the test vessel used. Autogenous Ignition: Minimum temperature of a solid, liquid, or gas required to initiate or continue burning in a closed vessel. 4 Materials that are readily capable of detonation or explosive decomposition or explosive reaction at normal temperatures and pressures. Materials that have an estimated instantaneous power density (product of heat of reaction and reaction rate) at 250°C (482°F) of 1000 W/mL or greater. Materials that are sensitive to localized thermal or mechanical shock at normal temperatures and pressures. FLAMMABILITY LIMITS IN AIR:

MUCH of the information related to fire and explosion is derived from the National Fire Protection Association, Material Safety Data Sheets. FLASH POINT Minus 10°C (14°F) (i.e. Class IB and IC liquids). 3 Materials that are flammable or combustible solvent are rated by the closed cup flash point of the solvent. FLAMMABILITY LIMITS IN AIR:

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MUCH of the information related to fire and explosion is derived from the National Fire Protection Association, Material Safety Data Sheets.