



# Material Safety Data Sheet

22-JAN-2009

## SpecSeal® Fast Tack AWG

### CHEMICAL PRODUCT/COMPANY IDENTIFICATION

#### Material Identification

PRODUCT NAME.....SpecSeal® Fast Tack AWG

CHEMICAL FAMILY.....Mixture

#### Company Identification

#### MANUFACTURER/DISTRIBUTOR

Specified Technologies, Inc.

200 Evans Way

Somerville, NJ 08876

#### PHONE NUMBERS

Product Information : 1-908-526-8000

Emergency : 1-800-255-3924

### COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS NUMBER	PERCENT
D4 & HMDZ TREATED SILICON DIOXIDE	68937-51-9	1-5
METHYLTRIMETHOXYSILANE	1185-55-3	1-5
LIMESTONE	1317-65-3	>37.1
STEARIC ACID	57-11-4	<1.95
QUARTZ	14808-60-7	<0.39
DISTILLATES, PETROLEUM	64742-47-8	10-30
HYDROTREATED LIGHT POLYDIMETHYLSILOXANE SILANOL/STPD	70131-67-8	30-60

### HAZARDS IDENTIFICATION

\*\*\*\*\*EMERGENCY OVERVIEW\*\*\*\*\*

\* Combustible. Irritating to skin, eyes and respiratory tract irritant. May be \*

\* harmful if swallowed, inhaled or absorbed through skin. Off-white liquid. \*

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#### Potential Health Effects:

**EYE:** Contact with vapor or liquid causes irritation.

**SKIN:** Contact may cause irritation and defatting. May be absorbed through skin to cause toxic effects.

**INGESTION:** May be harmful if swallowed. May cause headache, dizziness, nausea, vomiting and gastrointestinal irritation and central nervous depression.

**INHALATION:** Irritation of the nose, throat, and lungs may result from over-exposure to vapors or mist from uncured material.

**CHRONIC (CANCER) INFORMATION:** Crystalline silica is a carcinogenic.

**LONG TERM TOXIC EFFECTS:** None known.

## FIRST AID MEASURES

### First Aid

**INHALATION:** Remove to fresh air.

**SKIN CONTACT:** Wash thoroughly.

**EYE CONTACT:** Irrigate eyes with running water for at least 15 minutes. Get medical attention if irritation develops.

**INGESTION:** Do not induce vomiting. Give 1-3 glasses of water. Get medical attention. Never give anything by mouth to an unconscious person.

## FIRE FIGHTING MEASURES

FLASH POINT: 40 deg. C.

AUTOIGNITION TEMPERATURE: 232 DEG. C.

Flammable limits in Air, % by Volume:

lower limit: 1.0

upper limit: 6.0

EXTINGUISHING MEDIA.....Dry Chemical; Carbon Dioxide; Foam; Water spray for large fires.

SPECIAL FIRE FIGHTING PROCEDURES.....Fire Fighting Protective Equipment: A self-contained breathing apparatus and full protective clothing should be worn in fire conditions.

## ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

Dispose of materials in container intended for flammable waste.

### HANDLING AND STORAGE

Store away from heat, sources of ignition, and incompatibles. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container.

Avoid breathing vapors. Avoid contact with skin and eyes.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

**EYE PROTECTION REQUIREMENTS:**.....Safety glasses with side shields/goggles.

**SKIN PROTECTION REQUIREMENTS:**.....Rubber gloves.

**RESPIRATOR REQUIREMENTS:**.....Supplied air respirators may be required for non-routine or emergency situations.

**VENTILATION REQUIREMENTS:**.....Use ventilation that is adequate to keep employee exposure to airborne concentrations below limits.

### Exposure Guidelines

#### Exposure Limits

**PEL(OSHA) :** Particulates (Not Otherwise Classified) 15 mg/m<sup>3</sup>, 8 Hr. TWA, total dust 5 mg/m<sup>3</sup>, 8 Hr. TWA, respirable dust

**TLV(ACGIH):** None Established

#### QUARTZ (CRYSTALLINE SILICA)

**TLV(ACGIH):** 0.05mg/m<sup>3</sup>

## PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM ..... Off-white liquid.

SPECIFIC GRAVITY ..... 1.21

PERCENT VOLATILES ..... none

SOLUBILITY IN WATER..... Insoluble

SOLUBILITY IN ORGANIC SOLVENT.....Soluble in petroleum distillate

BOILING POINT.....156 deg. C.

VAPOR PRESSURE (20 C)(MM HG).....<5

VAPOR DENSITY (AIR=1).....4-5

FREEZING POINT.....NE

ODOR.....MILD SOLVENT

% VOLATILE BY VOLUME.....21

EVAP. RATE (BUTYL ACETATE=1).....>1

VOC EXCL.H<sub>2</sub>O & EXEMPTS (G/L).....37

## STABILITY AND REACTIVITY

STABILITY:.....This is a stable material.  
CONDITIONS TO AVOID: ..... Keep away from heat, sparks and flame.  
HAZARDOUS POLYMERIZATION:.....Will not occur.  
INCOMPATIBILITIES:.....None known.

## TOXICOLOGICAL INFORMATION

### POTENTIAL HEALTH EFFECTS:

#### INGESTION:

May be harmful if swallowed. May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation and central nervous system depression. May cause pneumonitis as a result of aspiration.

#### SKIN CONTACT:

Uncured product contact may irritate the skin. May cause skin defatting with prolonged exposure.  
May be absorbed through skin and produce effects as listed under "Ingestion".

#### INHALATION:

Applies only in uncured state. May be harmful if inhaled. A dust hazard would exist if solid particles were separated from the liquid phase. May also cause other effects as listed under "Ingestion". May cause respiratory tract irritation. Inhalation of dusts may result in acute pneumoconiosis.

#### EYE CONTACT:

Vapor and/or liquid cause irritation.

#### MEDICAL CONDITIONS AGGRAVATED:

Central nervous system disorders.  
Pre-existing skin or respiratory diseases.

#### SUBCHRONIC (TARGET ORGAN) EFFECTS:

Central nervous system  
Kidneys  
Skin

Quartz (crystalline silica) is listed as a carcinogen by IARC, NTP and ACGIH.

## ECOLOGICAL INFORMATION

No data. Not anticipated to be environmental hazard.

## DISPOSAL CONSIDERATIONS

#### Waste Disposal:

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

## TRANSPORTATION INFORMATION

DOT  
DOT SHIPPING NAME: FOR BULK CONTAINERS (>119 GAL) ONLY: COMBUSTIBLE  
LIQUID N.O.S. (PETROLEUM DISTILLATE)  
DOT HAZARD CLASS: COMBUSTIBLE LIQUID - FOR BULK CONTAINERS ONLY  
DOT LABEL (S): COMBUSTIBLE LIQUID - FOR BULK CONTAINERS ONLY  
UN/NA NUMBER: NA1993 - FOR BULK CONTAINERS ONLY  
PLACARDS: COMBUSTIBLE - FOR BULK CONTAINERS ONLY

## REGULATORY INFORMATION

U.S. Federal Regulations  
TSCA Inventory Status: Reported/Included.  
Section 313 Supplier Notifications.  
This product contains no toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

## OTHER INFORMATION

### STATE RIGHT-TO-KNOW LAWS

No substances on the state hazardous substances list, for the states indicated below, are used in the manufacture of products on this Material Safety Data Sheet, with the exceptions indicated. While we do not specifically analyze these products, or the raw materials used in their manufacture, for substances on various state hazardous substances lists, to the best of our knowledge the products on this Material Safety Data Sheet contain no such substances except for those specifically listed below:

SUBSTANCES ON THE NEW JERSEY WORKPLACE HAZARDOUS SUBSTANCE LIST PRESENT AT A CONCENTRATION OF 1% OR MORE (0.1% FOR SUBSTANCES IDENTIFIED AS CARCINOGENS, MUTAGENS OR TERATOGENS): Crystalline silica.

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER: Crystalline Silica.

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: None known.

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This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the data compiled. However, no representation, warranty, or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information.

#### **Responsibility for MSDS :**

Specified Technologies, Inc.  
200 Evans Way  
Somerville, NJ 08876