

Thread Seal (Rev 1-24-24)

SDS Number: L100G

Revision Date: 1/24/2024

Page 1 of 6

1

## PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Wechem, Inc  
5734 Susitna Dr  
Harahan, LA 70123

**Contact:** Ligia M. Hernandez  
**Phone:** 504-733-1152  
**Fax:** 504-733-2218  
**Web:** www.wechem.com

**Product Identifier:** Thread Seal (Rev 1-24-24)  
**SDS Number:** L100G  
**Product Code:** L100  
**Revision Date:** 1/24/2024  
**Product Use:** Pipe Sealing Paste with PTFE

Emergency Telephone Number:  
INFOTRAC  
1-800-535-5053

2

## HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute toxicity, 5 Oral  
Health, Skin corrosion/irritation, 2  
Health, Acute toxicity, 5 Inhalation  
Health, Serious Eye Damage/Eye Irritation, 2 B

### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:**



#### GHS Hazard Statements:

H303 - May be harmful if swallowed  
H315 - Causes skin irritation  
H333 - May be harmful if inhaled  
H320 - Causes eye irritation

#### GHS Precautionary Statements:

P264 - Wash hands thoroughly after handling.  
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P314 - Get Medical advice/attention if you feel unwell.  
P308+313 - IF exposed or concerned: Get medical advice/attention.  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P337 - If eye irritation persists: Get medical advice/attention.

**Thread Seal (Rev 1-24-24)**

SDS Number: L100G

Revision Date: 1/24/2024

Page 2 of 6

## Hazards not Otherwise Classified (HNOC) or not Covered by GHS

<b>Route of Entry:</b>	Ingestion, eye, inhalation, skin absorption
<b>Inhalation:</b>	No hazard expected under normal industrial use. May cause irritation to the respiratory tract.
<b>Skin Contact:</b>	Prolonged contact may cause irritation.
<b>Eye Contact:</b>	Prolonged or repeated contact may cause mechanical irritation, tearing, and redness.
<b>Ingestion:</b>	No hazard expected in normal industrial use. May be harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Preexisting pulmonary and dermatological disorders may be aggravated by exposure to hazardous components. Repeated or prolonged inhalation of graphite or carbon dusts may cause pulmonary fibrosis, emphysema, and pneumoconiosis. The severity of these effects is greatly influenced by the presence of other harmful mineral dusts, most notably crystalline silica. This product contains encapsulated silicon dioxide (quartz, silica). No exposure to free, respirable silica is anticipated during normal use of this product. Free, respirable silica has been listed as a confirmed human carcinogen by NTP and IARC. Inhalation of free, respirable silica may cause silicosis or other serious delayed lung injury. Silica may be released by grinding or machining of coated materials. Use NIOSH-approved dust/mist respirator when grinding or machining coated items.

<b>3</b>	<b>COMPOSITION/INFORMATION ON INGREDIENTS</b>
----------	---

Chemical Ingredients:		
CAS#	%	Chemical Name:
14807-96-6	16%	Talcum
12001-26-2	10%	Mica
112945-52-5	1%	Silica, amorphous treated

<b>4</b>	<b>FIRST AID MEASURES</b>
----------	---------------------------

<b>Inhalation:</b>	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask. Get medical aid.
<b>Skin Contact:</b>	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Gently wash with plenty of soap and water. Get medical attention if irritation persists. Wash contaminated clothing separately before reuse.
<b>Eye Contact:</b>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do after 5 minutes and continue rinsing for an additional 15 minutes. Get medical aid.
<b>Ingestion:</b>	Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately. Call a Poison Control center.

Symptoms may not be readily apparent. Get medical advice/attention.

Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

<b>5</b>	<b>FIRE FIGHTING MEASURES</b>
----------	-------------------------------

<b>Flammability:</b>	NA
<b>Flash Point:</b>	NA
Extinguishing media: Dry chemical, carbon dioxide or chemical foam. Smother to exclude air. Handle as an oil fire, Class B fire procedures. DO NOT USE WATER!	

Special Fire fighting procedures: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved (or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Thread Seal (Rev 1-24-24)**

SDS Number: L100G

Revision Date: 1/24/2024

Page 3 of 6

Unusual Fire & Explosion Hazards: High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide.

<b>6</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
----------	------------------------------------

Use proper personal protective equipment as indicated in Section 8.

Do not empty into drains. Material that cannot be recovered or reused should be disposed of in accordance with all Federal, State, and Local regulations.

Spills/Leaks: Provide ventilation. Avoid breathing vapors, mist or gas. Remove all sources of ignition. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal.

<b>7</b>	<b>HANDLING AND STORAGE</b>
----------	-----------------------------

**Handling Precautions:** Avoid contact with skin and eyes. Avoid ingestion and inhalation. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation.

Do not reuse empty containers without first having them commercially cleaned or reconditioned. Follow all SDS/label precautions even after container is emptied because they may retain product residues.

**Storage Requirements:** Store in a cool, dry place. Store in a well-ventilated place. Store away from heat. Store in a tightly closed container. Keep container closed when not in use. Keep out of reach of children. Handle in accordance with good industrial hygiene and safety practices.

<b>8</b>	<b>EXPOSURE CONTROLS/PERSONAL PROTECTION</b>
----------	--

**Engineering Controls:** Ventilation Requirement: Use adequate general or local exhaust ventilation to minimize exposure levels. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Personal Protective Equipment:** Respiratory Protection: Not required under normal use conditions. Avoid breathing vapors or dusts. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. Self contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

Protective gloves: Not required under normal use conditions. Solvent resistant gloves required for prolonged or repeated contact.

Eye protection: Safety glasses/Goggles and/or face shield should be worn.

Wear appropriate protective clothing to prevent skin exposure. Chemical resistant apron.

Hygienic work practices: Wash with soap and water before handling food.

Talcum cas#:(14807-96-6) [16%]

Components with workplace control parameters

TWA 20Million particles per cubic foot of air, based on impinger samples counted by light-field techniques. Containing less than 1% quartz; if 1% quartz or more, use quartz limit. mppcf X 35.3 = million particles per cubic meter = particles per c.c

USA. Occupational Exposure Limits (OSHA) - Table Z-3  
Mineral Dusts

Millions of particles per cubic foot of air, based on impinger samples counted by light-field techniques. Containing less than 1% quartz; if 1% quartz or more, use quartz limit. mppcf X 35.3 = million particles per cubic meter = particles per c.c

TWA 2 mg/m3 USA. OSHA - TABLE Z-1 Limits for Air Contaminants -  
1910.1000

TWA 2 mg/m3 USA. NIOSH Recommended Exposure Limits

**Thread Seal (Rev 1-24-24)**

SDS Number: L100G

Revision Date: 1/24/2024

Page 4 of 6

TWA 2 mg/m3 USA. ACGIH Threshold Limit Values (TLV)  
 Lower Respiratory Tract irritation The value is for particulate matter containing no asbestos and < 1% crystalline silica Not classifiable as a human carcinogen

Mica (CAS # 12001-26-2) [10%]

OSHA TWA

PEL 706ppm/20 mppcf

ACGIH TWA

TLV 3 mg/m3 (R)

9

**PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Off-white	<b>Odor:</b>	Slight. Petroleum-like.
<b>Physical State:</b>	Paste	<b>Solubility:</b>	NIL in water
<b>Spec Grav./Density:</b>	(H20=1): 1.03	<b>Percent Volatile:</b>	Not available
<b>Boiling Point:</b>	932 Deg. F. (500 C)	<b>Flash Point:</b>	NA
<b>Vapor Pressure:</b>	Not available	<b>Vapor Density:</b>	Heavier than air
<b>Evap. Rate:</b>	Slower than ether	<b>Auto-Ignition Temp:</b>	Not available

10

**STABILITY AND REACTIVITY**

<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	High temperatures.
<b>Materials to Avoid:</b>	None known.
<b>Hazardous Decomposition:</b>	High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide.
<b>Hazardous Polymerization:</b>	Will not occur

11

**TOXICOLOGICAL INFORMATION**

Data summary for the components are as follows:

Silica, amorphous treated (CAS 112945-52-5)

Acute

Oral LD50 3160 mg/kg (Rat)

This product contains encapsulated silicon dioxide (quartz, silica). No exposure to free, respirable silica is anticipated during normal use of this product. Free, respirable silica has been listed as a confirmed human carcinogen by NTP and IARC. Inhalation of free, respirable silica may cause silicosis or other serious delayed lung injury. Silica may be released by grinding or machining of coated materials. Use NIOSH-approved dust/mist respirator when grinding or machining coated items.

Talcum cas#:(14807-96-6) [16%]

Information on toxicological effects

Acute toxicity:

Oral LD50 no data available

Inhalation LC50

Dermal Standard Draize Test, Human 300 microgram, 3D

Other information on acute toxicity

Skin corrosion/irritation: Skin - Human - Mild skin irritation - 3 h

Thread Seal (Rev 1-24-24)

SDS Number: L100G

Revision Date: 1/24/2024

Page 5 of 6

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

Carcinogenicity - rat - Inhalation:

Tumorigenic: Carcinogenic by RTECS criteria. Lungs, Thorax, or Respiration: Bronchiogenic carcinoma. Endocrine: Tumors.

Carcinogenicity - rat - Inhalation:

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Lungs, Thorax, or Respiration: Tumors.

This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP, or EPA classification.

IARC: 1 - Group 1: Carcinogenic to humans (Quartz)

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Hydrous magnesium silicate)

NTP: Known to be human carcinogen (Quartz)

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):

Inhalation - May cause respiratory irritation. - Lungs

Specific target organ toxicity - repeated exposure (Globally Harmonized System):

no data available

Aspiration hazard: no data available

Potential health effects: Inhalation Toxic if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: Prolonged inhalation of crystalline silica may result in silicosis, a disabling pulmonary fibrosis characterized by fibrotic changes and miliary nodules in the lungs, a dry cough, shortness of breath, emphysema, decreased chest expansion, and increased susceptibility to tuberculosis. In advanced stages, loss of appetite, pleuritic pain, and total incapacity to work. Advanced silicosis may result in death due to cardiac failure or destruction of lung tissue. Crystalline silica is classified as group 1 "known to be carcinogenic to humans" by IARC and "sufficient evidence" of carcinogenicity by the NTP.

Synergistic effects: no data available

Additional Information:

RTECS: WW2710000

## Thread Seal (Rev 1-24-24)

SDS Number: L100G

Revision Date: 1/24/2024

Page 6 of 6

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

13

**DISPOSAL CONSIDERATIONS**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 262. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Observe all federal, state, and local environmental regulations.

Dispose of according to local, state, or federal regulations.

14

**TRANSPORT INFORMATION**

Proper Shipping Name: Non regulated.

15

**REGULATORY INFORMATION**

[%] RQ (CAS#) Substance - Reg Codes

[16%] Talcum (14807-96-6) MASS, OSHAWAC, PA, TSCA, TXAIR

[10%] Mica (12001-26-2) MASS, OSHAWAC, PA, TXAIR

[1%] silica, amorphous treated (112945-52-5) MASS, OSHAWAC, PA, TXAIR

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

**Regulatory Code Legend**

MASS = MA Massachusetts Hazardous Substances List

OSHA WAC = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TSCA = Toxic Substances Control Act

TXAIR = TX Air Contaminants with Health Effects Screening Level

16

**OTHER INFORMATION**

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available N/D = Not determined

Revision Date: 1/24/2024