# MATERIAL SAFETY DATA SHEET

## Section 1 – Product & Company Identification

| | |
|---|---|
| Product Name.....: | RIDGID Thread Sealant with PTFE<br>(White Thread Sealant) |
| Product Catalog No. .....: | 84327, 84332, 84337 |
| Company Name.....: | Ridge Tool Company |
| Address .....: | 400 Clark Street |
| : | Elyria, Ohio 44035-6001 |
| Telephone .....: | 1-800-519-3456 (USA) (8:00 am – 5:00 pm EST, M-F) |
| Emergency Telephone .....: | call 9-1-1 or local emergency number |
| Issue Date .....: | March 5, 2013 |

## Section 2 – Hazards Identification

EMERGENCY OVERVIEW:
This product is a white paste with a mild petroleum odor. Direct eye contact may cause short term irritation. Skin exposure may cause mild irritation. Inhalation and ingestion are not anticipated routes of exposure during normal conditions of use.

REGULATORY STATUS

- This product is not listed as a known or suspected carcinogen by IARC, OSHA or the NTP.
- This product is not considered to be hazardous under OSHA's Hazard Communication Standard

POTENTIAL HEALTH EFFECTS AND SYMPTOMS FROM SHORT TERM / ACUTE EXPOSURE:

- Eye:
  This product is not expected to cause eye irritation under normal conditions of use. Direct contact may cause irritation.

- Skin:
  Short term skin contact may cause mild irritation. Prolonged or repeated direct exposure to the skin may cause dermatitis.

- Inhalation:
  Inhalation is not a likely route of entry.

- Ingestion:
  Ingestion may cause a laxative effect including cramps and diarrhea.

- Potential Chronic Health Effects:
  Chronic ingestion may be toxic to the kidney, liver, lungs, and central nervous system. Chronic skin exposure may cause dermatitis.

- Medical Conditions Aggravated By Exposure:
  None known.

POTENTIAL ENVIRONMENTAL EFFECTS
None known.

HMIS Rating: Health – 0 Flammability – 0 Reactivity – 0 PPE: A

## Section 3 – Composition / Information On Ingredients

Components listed in this section may contribute to the potential hazards associated with exposure to the concentrate. The product may contain additional non-hazardous or trade secret components.

| Component: | CAS # | % By Weight |
|---|---|---|
| Calcium Carbonate | 1317-65-3 | 35 – 45 |
| Hydrocarbon Oils | 64742-52-5 | 30 – 40 |
| PTFE | 9002-84-0 | 10 – 20 |
| Titanium Dioxide | 13463-67-7 | 5 – 10 |
| Clays | 68953-58-2 | 1 – 5 |

Product Name.....: RIDGID Thread Sealant with PTFE

## Section 4 – First Aid Measures

EYE CONTACT:

Upon direct eye contact, hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT:

Remove product from the skin by washing with a mild soap and water. Contaminated clothing should be removed to prevent prolonged exposure. If symptoms of exposure persist, contact a physician.

INHALATION:

Inhalation is not a likely route of entry.

INGESTION:

Do not induce vomiting. Rinse mouth with water. Seek medical attention.

## Section 5 – Fire Fighting Measures

FIRE AND EXPLOSIVE PROPERTIES:

Flashpoint.....: Not available
Flammability Limits.....: LEL - Not determined
UEL - Not determined

EXTINGUISH MEDIA:

In accordance with NFPA guidance, dry chemical, foam, or CO2 fire extinguishers are all acceptable. Water may be ineffective as an extinguishing media.

HAZARDOUS COMBUSTION PRODUCTS:

Combustion by-products may include carbon monoxide and carbon dioxide.

FIRE-FIGHTING PROCEDURES AND EQUIPMENT:

Emergency responders in the danger area should wear appropriate clothing/equipment for the surrounding fire.

NFPA RATING:

| Health | Flammability | Reactivity |
|---|---|---|
| 0 | 0 | 0 |

Product Name.....: RIDGID Thread Sealant with PTFE

## Section 6 – Accidental Release Measures

PERSONAL PRECAUTIONS:

Use personal protection recommended in Section 8.

ENVIRONMENTAL:

Prevent discharge to waterways.

CLEAN-UP MEASURES:

Sweep up dried material and dispose of with ordinary trash.

## Section 7 – Handling And Storage

HANDLING:

As with any industrial chemical, handle the product in a manner that minimizes exposure to practicable levels. Prior to handling, consult Section 8 of this MSDS to evaluate personal protective equipment needs. Follow all other standard industrial hygiene practices. Wash thoroughly after handling.

STORAGE:

Protect product quality by storing in a cool, dry area. Close all containers when not in use.

## Section 8 – Exposure Controls / Personal Protection

EXPOSURE GUIDELINES:

| Component | | |
|---|---|---|
| Calcium Carbonate | ACGIH TLV:<br>OSHA PEL: | 10 mg / m3<br>15 mg / m3 (total dust) |
| Hydrocarbon Oil | ACGIH TLV:<br>OSHA PEL: | 5 mg / m3<br>5 mg / m3 |
| Titanium Dioxide | ACGIH TLV:<br>OSHA PEL: | 10 mg / m3<br>15 mg / m3 |
| Clays | ACGIH TLV:<br>OSHA PEL: | 10 mg / m3<br>10 mg / m3 |

ENGINEERING CONTROLS:

Good general ventilation is expected to be adequate. It is recommended that ventilation be designed in all instances to maintain airborne concentrations at lowest practicable levels. Ventilation should, at a minimum, prevent airborne concentrations from exceeding any exposure limits shown above.

PERSONAL PROTECTIVE EQUIPMENT:

Selection of personal protective equipment should be based upon the anticipated exposure and made in accordance with OSHA's Personal Protective Equipment Standard found in 29 CFR 1910 Subpart I. Employees should be properly trained to use appropriate PPE when working with this product.

- Eye Protection:
  Wear eye protection appropriate to prevent eye exposure. Safety glasses with side shields are recommended.

- Skin Protection:
  Gloves are not normally needed during normal conditions of use. If health effects are experienced, wear appropriate gloves.

- Respiratory Protection:
  No special requirements under ordinary conditions of use with adequate ventilation. A dust respirator should be worn during cleanup of dried material.

Product Name.....: RIDGID Thread Sealant with PTFE

## Section 9 – Physical And Chemical Properties

Physical Appearance:.....: White Paste
Odor. .....: Petroleum
Physical State.....: Paste
Water Solubility.....: Negligible
Specific Gravity.....: 2.0 @ 70$^{o}$F
VOC ……: 3 g/L

## Section 10 – Stability And Reactivity

STABILITY:
This product is stable.

CONDITIONS TO AVOID:
Avoid sources of ignition.

INCOMPATIBLE MATERIALS:
This product is incompatible with oxidizing agents.

DECOMPOSITION PRODUCTS MAY INCLUDE:
Carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION:
This product is not expected to polymerize.

## Section 11 – Toxicological Information

ACUTE:

Oral $LD_{50}$: Not determined
Inhalation $LC_{50}$: Not determined

CHRONIC:

Prolonged or repeated overexposure can cause dermatitis, and damage to the kidney, liver, lungs, and central nervous system.

SENSITIZATION:

None of the components are known to cause sensitization.

REPRODUCTIVE EFFECTS:

None of the components are known to be toxic to reproduction.

TERATOGENIC EFFECTS:

No further teratogenic data known.

MUTAGENICITY:

None of the components are known to be a mutagen.

CARCINOGENICITY:

This product is not listed as a known or suspected carcinogen by IARC, OSHA or the NTP.

## Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION:

This product has not been evaluated for ecotoxicity. As with any industrial chemical, exposure to the environment should be prevented and minimized wherever possible.

ENVIRONMENTAL FATE:

The degree of biodegradability and persistence of this product has not been determined.

VOC CONTENT:

3 g/L

## Section 13 – Disposal Consideration

WASTE DISPOSAL:

Ensure that collection, transport, treatment and disposal of waste product and containers complies with all applicable laws and regulations. Note that use, mixture, processing or contamination of the product may cause the material to be classified as a hazardous waste. It is the responsibility of the product user or owner to determine at the time of disposal whether the product is regulated as a hazardous waste.

## Section 14 – Transportation Information

U.S. DOT HAZARDOUS MATERIAL INFORMATION:

Not DOT regulated.

CANADA TRANSPORT OF DANGEROUS GOODS:

This material is not TDG regulated.

## Section 15 – Regulatory Information

FEDERAL REGULATIONS:

SARA 313:

This product contains NONE of the substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

SARA 302:

This product contains NONE of the substances subject to the reporting requirements of Section 302 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 355.

CERCLA REPORTABLE QUANTITY:

Any components listed below have been assigned a reportable quantity (RQ) by the Federal EPA. Releases of the product into the environment that exceed the RQ for a particular component must be reported to the National Response Center at 1-800-424-8802.

None to report

TOXIC SUBSTANCE CONTROL ACT:

The components of this product are listed on the TSCA Inventory.

STATE REGULATIONS

California Proposition 65 : This product does not contain any chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

CANADA

WHMIS Classification: Not controlled under WHMIS

## Section 16 – Other Information

Prepared by:. . . . . Ridge Tool Company

Issue Date: . . . . . March 5, 2013
Last Revision Date: . . . . . September 30, 2009

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