SECTION 1  PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Pipe Thread Compound

Part Nos.
Covered By this MSDS:
0070 028126 029037 029053 40970
028005 028140 029038 090 2000 441006
028010 028155 029041 090 2005 441008
028020 028198 029042 11-1014 45280
028025 028240 029043 11-1102 613570
028030 029015 029046 12030 82-100
028035 029018 029047 3400 82-101
028040 029020 029048 3410 854-2
028075 029030 029049 403451 B13179
028110 029033 029050 403469 B13184
028115 029034 029051 408099 M6112*001
028118 029035 029052 408106 R53-744
028120 029036 029053 40969

Product Use: Gray thread lubricant and sealant for metal pipe joint threads.
Formula: See Section 3.
Synonyms: Pipe joint compound.
Firm Name & Mailing Address: William H. Harvey Company
4334 South 67th Street
Omaha, NE 68117-1019 http://www.wmharvey.com
Emergency Phone Numbers: For chemical transportation emergencies ONLY, call CHEMTREC at
(800)424-9300. Outside the U.S. (703) 527-3887.
Information Telephone Number: (800)228-9681
Prepared By: Technical Dept.
Contact: Information telephone number – (800) 228-9681
Preparation Date: August 1, 2010

SECTION 2  HAZARDS IDENTIFICATION

Emergency Overview:
Thick, gray paste with a petroleum odor. May cause mild irritation to the eye and skin. Long term inhalation of dust may cause silicosis or cancer.

Potential Health Effects:
Skin: May cause mild irritation to the skin, including redness and dryness.
Eyes: May cause mechanical irritation, redness, tearing and blurred vision.
Inhalation: Long term inhalation of dust may cause silicosis or cancer.
Ingestion: May cause irritation to the mouth and throat.

OSHA Hazard Classification: Irritant, target organ effects.

SECTION 3  COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>% wt/wt:</th>
<th>CAS NUMBER:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td>50 – 70%</td>
<td>1317-65-3</td>
</tr>
<tr>
<td>Naphthenic Oil</td>
<td>10 – 30%</td>
<td>64742-53-6</td>
</tr>
<tr>
<td>Linseed Oil</td>
<td>5 – 10%</td>
<td>8001-26-1</td>
</tr>
<tr>
<td>Crystalline Silica, quartz</td>
<td>&lt; 1.4%</td>
<td>14808-60-7</td>
</tr>
</tbody>
</table>
SECTION 4  FIRST AID MEASURES
FOR FIRST AID HELP CALL TOLL FREE 1-877-740-5015
Skin: Remove contaminated clothing. Wash thoroughly with soap and water. Call a physician or
poison control center if irritation develops.
Eyes: Remove contact lenses if any. Rinse eyes with water for 15 minutes. Get medical attention if
irritation develops.
Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
Keep victim quiet and warm. Call a poison control center or physician if symptoms persist.
Ingestion: NEVER give anything by mouth if victim is unconscious. Have victim rinse mouth thoroughly
with water. DO NOT INDUCE VOMITING. If vomiting occurs naturally, have victim lean
forward to reduce risk of aspiration. Call the Poison Control Center at 1-877-740-5015.

SECTION 5  FIRE FIGHTING MEASURES
Extinguishing Media: Use dry chemical, CO2, water, or foam extinguisher.
Special Fire Fighting Procedures: Firefighters should wear positive pressure self-contained breathing apparatus and full
protective clothing for fires in areas where chemicals are used or stored.
Unusual Fire and Explosion Hazards: None known.

SECTION 6  ACCIDENTAL RELEASE MEASURES
Spill or Leak Procedures: Pick up released product with appropriate implements and return to original container
if reusable. If not reusable, place in appropriate containers for disposal. Appropriate
personal protective equipment cited in Section 8 should be worn during all clean-up
operations.

SECTION 7  HANDLING AND STORAGE
Handling: Avoid contact with eyes, skin, or clothing. Do not take internally. Avoid breathing
dust. Use only with adequate ventilation. Wash thoroughly after handling. Keep
container closed when not in use. Handle with care. Keep out of reach of children.
Storage: Store in original, labeled container.
Other: Containers, even empty, will retain residue and may be harmful.

SECTION 8  EXPOSURE CONTROLS/PERSEROAL PROTECTION
INGREDIENTS: CAS NUMBER: ACGIH TLV TWA OSHA PEL TWA
Calcium carbonate 1317-65-3 10 mg/m³ (<1% crystalline silica) 15 mg/m³ (total dust)
Naphthenic oil 64742-53-6 5 mg/m³ 5 mg/m³ (respirable)
Crystalline silica 14808-60-7 0.025 mg/m³ 10 mg/m³ / %SiO₂
Ventilation: Good general ventilation (equivalent to outdoors) should be adequate for normal use.
For operations where the TLV may be exceeded, mechanical ventilation such as local
exhaust may be needed to maintain exposure levels below applicable limits.
Respiratory Protection: For operations where the TLV may be exceeded, a NIOSH approved particulate
respirator is recommended. Equipment selection depends on contaminant type and
concentration, select in accordance with 29 CFR 1910.134 and good industrial
hygiene practice. For firefighting, use self-contained breathing apparatus.
Skin Protection: Normally not needed. Launder soiled clothing before re-use.
Eye Protection: Safety glasses with sideshields or safety goggles.
Other: Eye wash and safety shower should be available.
SECTION 9  PHYSICAL AND CHEMICAL PROPERTIES

Flashpoint / Method: Not determined.
Flammability: LEL = Not determined, UEL = Not determined.
Boiling Point: Not determined.
Melting Point: Not determined.
Vapor Pressure: Not determined.
Vapor Density: (Air = 1) Greater than 1.
Volatile Components: Not determined.
Solubility In Water: Negligible.
pH: Not applicable.
Specific Gravity: 1.68 @ 20 Degrees C.
Evaporation Rate: Not applicable.
Appearance: Thick gray paste.
Odor: Petroleum odor.
Will Dissolve In: Not determined.
Material Is: Paste.

SECTION 10  STABILITY AND REACTIVITY

Stability: Stable.
Conditions To Avoid: None.
Hazardous Decomposition Products:
Hydrocarbons, aldehydes, smoke, carbon monoxide, carbon dioxide.
Incompatibility/ Materials To Avoid:
Strong oxidizing agents, strong acids.
Hazardous Polymerization: Will not occur.

SECTION 11  TOXICOLOGICAL INFORMATION

Inhalation: Dust may contain crystalline silica. Long term inhalation may cause silicosis or cancer.
Skin: Contact may cause mild irritation.
Eye: Vapors or dust may cause redness and irritation.
Ingestion: May cause irritation.
Toxicity Data: Calcium Carbonate: Oral LD50 (rat): 6,450 mg/kg.
Sensitization: None of the components are known to cause sensitization.
Carcinogenicity: This product contains greater than 0.1% crystalline silica. Crystalline silica is listed by IARC as a Group 1 carcinogen (carcinogenic to humans). ACGIH lists crystalline silica as a suspect human carcinogen (A2).
Mutagenicity: None of the components have been found to be mutagenic.
Reproductive Toxicity: None of the components are known to cause adverse reproductive effects.
Medical Conditions Aggravated By Exposure: Persons with pre-existing skin or lung disorders may be at increased risk from exposure to this product.

SECTION 12  ECOLOGICAL INFORMATION

Acute Aquatic Effects Data: Not data available.

SECTION 13  DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of in accordance with federal, state, and local regulations. It is the responsibility of the end-user to determine at the time of disposal of the product.
EPA Hazardous Waste Number: None.
EPA Hazard Waste Class: None.
SECTION 14  TRANSPORT INFORMATION

DOT
  Proper Shipping Name: Not regulated.
  Hazard Class/Packing Group: None.
  UN/NA Number: None.
  Hazard Labels: None.

IMDG
  Proper Shipping Name: Not regulated.
  Hazard Class/Packing Group: None.
  UN/NA Number: None.
  Hazard Labels: None.

SECTION 15  REGULATORY INFORMATION

Hazard Category for Section 311/312: Acute Health, Chronic Health

Section 302 Extremely Hazardous Substances (TPQ): This product does not contain chemicals regulated under SARA Title III, Section 302.

Section 313 Toxic Chemicals: This product does not contain any chemicals subject to SARA Title III Section 313 Reporting requirements.

CERCLA 103 Reportable Quantity: This product does not contain chemicals regulated under CERCLA.

California Proposition 65: This product may contain a small quantity of crystalline silica which is known to the State of California to cause cancer.

TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

Canadian WHMIS Classification: Class D, Division 2, Subdivision A.
  This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

SECTION 16  OTHER INFORMATION

NFPA and HMIS:
  NFPA Hazard Signal: Health: 1  Flammability: 1  Reactivity: 0  Special: None
  HMIS Hazard Signal: Health: 1*  Flammability: 1  Reactivity: 0  PPE: A

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