

1. Identification

Product identifier Harvey Pipe Thread Compound

Other means of identification

Product code 029035E

Synonyms Part Numbers: 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 029044 12030 82-100
028035 029018 029045 3400 82-101
028040 029020 029047 3410 854-2
028075 029030 029048 403451 B13179
028110 029033 029049 403469 B13184
028115 029034 029050 408099 M6112*001
028118 029035 029051 408106 R53-744
028120 029036 029052 40969

Recommended use Gray thread lubricant and sealant for metal pipe joint threads.

Recommended restrictions**Manufacturer/Importer/Supplier/Distributor information**

Company Name William H. Harvey Company

Address 4334 South 67th Street
Omaha, NE 68117

Telephone 402-331-1175

E-mail info@oatey.com

Transport Emergency Chemtrec 1-800-424-9300 (Outside the US 1-703-527-3887)

Emergency First Aid 1-877-740-5015

Contact person MSDS Coordinator

2. Hazard(s) identification

Physical hazards Not Classified.

Health hazards Not Classified.

OSHA defined hazards Not Classified.

Label elements

Hazard symbol None.

Signal word None.

Hazard statement This product was determined to be non-hazardous.

Precautionary statement

Prevention Not applicable

Response Not applicable.

Storage Not applicable.

Disposal Not applicable.

Hazard(s) not otherwise classified (HNOC) None known.

3. Composition/information on ingredients**Mixtures**

| Chemical name | CAS number | % |
|--|-------------|---------|
| Calcium Carbonate | 1317-65-3 | 50 - 70 |
| Distillates (petroleum), hydrotreated middle | 64742-46-7 | 10 - 30 |
| Linseed Oil | 8001-26-1 | 5 - 10 |
| Crystalline Silica, quartz | 14808-60-7* | < 1.4 |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

* Material is bound within the matrix of the product and does not provide any inhalation hazards.

4. First-aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Eye contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Ingestion

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Skin or eye irritation.

Indication of immediate medical attention and special treatment needed.

Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

General information

Note to physician, treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media

Use dry chemical, CO₂, alcohol-resistant foam or water spray (fog).

Unsuitable extinguishing media

water jet

Specific hazards arising from the chemical

No specific fire or explosion hazard.

Special protective equipment and precautions for firefighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire fighting equipment/instructions

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Use water spray to keep fire-exposed containers cool. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Specific methods

None

General fire hazards

None

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Methods and materials for containment and cleaning up

Large Spills: Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 of SDS for emergency contact information and section 13 of SDS for waste disposal.
Small Spills: Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 of SDS for emergency contact information and section 13 of SDS for waste disposal.

Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and

sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

7. Handling and storage

Precautions for safe handling

Put on appropriate personal protective equipment (see section 8 of SDS). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10 of SDS) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|--|------|----------------------|
| Distillates (petroleum), hydrotreated middle | TLV | 5 mg/m ³ |
| Crystalline Silica | TLV | 10 mg/m ³ |

Biological limit values

No Biological limits.

Appropriate engineering controls

No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Individual protection measures, such as personal protective equipment

Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin protection

Hand

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Other

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Thermal hazards

None.

General hygiene considerations

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical and chemical properties

Appearance

| | |
|--|----------------------|
| Physical state | Liquid. |
| Form | Thick Paste |
| Color | Gray |
| Odor | Slight |
| Odor threshold | Not available. |
| pH | Not applicable |
| Melting point/freezing point | Not applicable. |
| Initial boiling point and boiling range | Not determined |
| Flash point | > 199 °F (> 93.3 °C) |
| Upper/lower flammability or explosive limits | |
| Flammability limit – lower (%) | Not available |

| | |
|--|----------------|
| Flammability limit – upper (%) | Not available |
| Explosive limit - lower (%) | Not available |
| Explosive limit - upper (%) | Not available |
| Vapor pressure | Not applicable |
| Vapor density | Not applicable |
| Relative density | 1.68 |
| Solubility(ies) | |
| Solubility (water) | Not available |
| Partition coefficient (n-octanol/water) | Not available |
| Auto-ignition temperature | Not applicable |
| Decomposition temperature | Not available |
| Viscosity | Not available |
| Other information | |
| VOC (Weight %) | 0.7% or 11 g/L |

10. Stability and reactivity

| | |
|-----------------------------------|--|
| Reactivity | Stable under normal conditions. |
| Chemical stability | The product is stable. |
| Possibility of hazardous reaction | Under normal conditions of storage and use, hazardous reactions will not occur. |
| Conditions to avoid | No specific data. |
| Incompatible materials | No specific data. |
| Hazardous decomposition products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

11. Toxicological information

Information on likely routes of exposure

| | |
|--------------|---|
| Inhalation | No known significant effects or critical hazards. |
| Skin contact | No known significant effects or critical hazards. |
| Eye contact | No known significant effects or critical hazards. |
| Ingestion | No known significant effects or critical hazards. |

Symptoms related to the physical, chemical and toxicological characteristics No specific data.

Information on likely routes of exposure

Acute Toxicity

| Components | Species | Results |
|-----------------------------------|---------|---|
| Skin corrosion/irritation | | Not determined. |
| Serious eye damage/eye irritation | | Not determined. |
| Respiratory or skin sensitization | | |
| Respiratory sensitization | | Not considered a respiratory irritant |
| Skin sensitization | | This product is not expected to cause skin irritation. |
| Germ cell mutagenicity | | No specific data |
| Carcinogenicity | | No known significant effects or critical hazards. |
| Reproductive toxicity | | No known significant effects or critical hazards. |
| Specific target organ toxicity | | |
| Single exposure | | Not Classified. |
| Repeated exposure | | Not Classified. |
| Aspiration Hazard | | Contains Distillates (petroleum), hydrotreated – Which is a category 1 Aspiration Hazard. The likely hood of aspirating the product in this form is very low due to the high viscosity. |
| Chronic effects | | Not Classified. |

Further information

12. Ecological information

Ecotoxicity

| Product/ingredient name | Results | Species | Exposure |
|---|---|---------------------------------------|----------|
| Distillates (petroleum), hydrotreated light | Acute LC50 2,900 µg/l Fresh water | Fish - Rainbow trout, Donaldson trout | 96 h |
| | Acute LC50 2,200 µg/l Fresh water | Fish - Bluegill | 96 h |
| Persistence and degradability | Not Available. | | |
| Bio accumulative potential | Not Available. | | |
| Mobility in soil | Not available. | | |
| Other adverse effects | No known significant effects of critical hazards. | | |

13. Disposal considerations

| | |
|-----------------------------------|--|
| Disposal instructions | The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |
| Local disposal regulations | Not Applicable |
| Hazardous waste code | Not Applicable |

14. Transportation information

| | |
|-------------------------------|---------------|
| DOT | Not Regulated |
| UN number | |
| UN Proper Shipping Name | |
| Transportation Hazard classes | |
| Packing group | |
| IATA | Not Regulated |
| UN number | |
| UN Proper Shipping Name | |
| Transportation Hazard classes | |
| Packing group | |
| IMDG | Not Regulated |
| UN number | |
| UN Proper Shipping Name | |
| Transportation Hazard classes | |
| Packing group | |
| Environmental hazards | |
| Marine pollutant | |

15. Regulatory information

U.S. Federal regulations SARA 311/312

Classification Acute: Yes, Chronic: No, Fire: No, Pressure: No, Reactive: No,

US state regulations California Prop 65

This product contains a chemical known to the State of California to cause cancer, birth defects,

or other reproductive harm.

TSCA Status

United States & Puerto Rico

Toxic Substances Control Act (TSCA 8b)

Yes

16. Other information, including date of preparation or last revision

Issue Date

12-May-2015

Revision Date

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Version #

01

HMIS Rating

Health: 1
Flammability: 1
Physical Hazards: 0

Disclaimer

William H. Harvey Co. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.