1 Identification

Product identifier

Trade name: **Preprufe® Grout EG 75 - Base**

SDS ID Number: 2668

Relevant identified uses of the substance or mixture, and uses advised against

Specialty construction product. Not intended for other uses

Details of the supplier of the safety data sheet

**Manufacturer/Supplier:**
GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA

GCP Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada

**Information department:**
Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
  +1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts
CAN: 1-905-683-8561 (24 hours)

**Transport Emergency:** Chemtrec +1-800-424-9300 (24 hours)

2 Hazard(s) identification

Classification of the substance or mixture
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.

**Label elements:** The product is classified and labeled according to the Globally Harmonized System (GHS)

**Hazard pictograms**

![GHS07]

Warning

**Hazard statements**
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.

**Precautionary statements**
Avoid breathing dust/fume/gas/mist/vapors/spray
Wash thoroughly after handling.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN: Wash with plenty of water.
If eye irritation persists: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
NFPA ratings (scale 0 - 4)

Health = 3
Fire = 2
Reactivity = 1

HMIS-ratings (scale 0 - 4)

Health = 3
Flammability = 2
Reactivity = 1

Other hazards
Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixtures

Description: Mixture of the substances listed below with additional nonhazardous ingredients.

Hazardous components:

| 25068-38-6 | Reaction product: bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) | 50-100% |
| 54208-63-8 | Bisphenol F / Epichlorohydrin Epoxy Resin | 20-25% |

Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First-aid measures

Description of first aid measures

General information: Get medical advice/attention if you feel unwell.

After inhalation:
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse cautiously with water for several minutes.

After swallowing: If symptoms persist consult doctor.

Information for doctor:
Most important symptoms and effects, both acute and delayed
May cause sensitization by skin contact.
Irritating to eyes.
Trade name: Preprufe® Grout EG 75 - Base

Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Fire-fighting measures

Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in case of fire.
Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Methods and material for containment and cleaning up:
Dispose contaminated material as waste according to section 13 of the SDS.
Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

Handling:
Precautions for safe handling
Avoid contact with skin.
Avoid contact with eyes.
Information about protection against explosions and fires: No special measures required.
Conditions for safe storage, including any incompatibilities
Storage:
Information about storage in one common storage facility: No special measures required.
Further information about storage conditions: Keep receptacle tightly sealed.
Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.
Control parameters
Components with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:
The usual precautionary measures for handling chemicals should be followed.

Breathing equipment:
Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands: Not required.

Eye protection: Goggles recommended during refilling.

Body protection:
Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>General Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
</tr>
<tr>
<td>Form: Liquid</td>
</tr>
<tr>
<td>Color: Clear</td>
</tr>
<tr>
<td>Odor: Aromatic</td>
</tr>
<tr>
<td>Odor threshold: Not determined.</td>
</tr>
<tr>
<td>pH-value (~): Not determined.</td>
</tr>
<tr>
<td>Change in condition</td>
</tr>
<tr>
<td>Melting point/Melting range:</td>
</tr>
<tr>
<td>Undetermined.</td>
</tr>
<tr>
<td>Boiling point/Boiling range:</td>
</tr>
<tr>
<td>&gt;138 °C (~280 °F)</td>
</tr>
<tr>
<td>Flash point:</td>
</tr>
<tr>
<td>&gt;121 °C (~250 °F)</td>
</tr>
<tr>
<td>Flammability (solid, gaseous):</td>
</tr>
<tr>
<td>Not applicable.</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
</tr>
<tr>
<td>Not determined.</td>
</tr>
<tr>
<td>Auto igniting:</td>
</tr>
<tr>
<td>Product is not selfigniting.</td>
</tr>
<tr>
<td>Danger of explosion:</td>
</tr>
<tr>
<td>Product does not present an explosion hazard.</td>
</tr>
<tr>
<td>Explosion limits:</td>
</tr>
<tr>
<td>Lower: Not determined.</td>
</tr>
<tr>
<td>Upper: Not determined.</td>
</tr>
<tr>
<td>VOC Content (max):</td>
</tr>
<tr>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapor pressure:</td>
</tr>
<tr>
<td>Not determined.</td>
</tr>
<tr>
<td>Density: (~)</td>
</tr>
<tr>
<td>Not determined.</td>
</tr>
<tr>
<td>Relative density</td>
</tr>
<tr>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapor density</td>
</tr>
<tr>
<td>Not determined.</td>
</tr>
<tr>
<td>Evaporation rate</td>
</tr>
<tr>
<td>Not determined.</td>
</tr>
</tbody>
</table>
**Trade name:** Preprufe® Grout EG 75 - Base

| Solubility in / Miscibility with Water: | Not miscible or difficult to mix. |
| Partition coefficient (n-octanol/water): | Not determined. |
| Viscosity: | Dynamic: Not determined. |
| | Kinematic: Not determined. |
| Molecular weight | Not applicable. |
| Other information | No further relevant information available. |

### 10 Stability and reactivity

**Reactivity** Stable under normal conditions.

**Chemical stability**

**Thermal decomposition:** No decomposition if used according to specifications.

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** Carbon monoxide and carbon dioxide

### 11 Toxicological information

**Information on toxicological effects**

**Acute toxicity:**

<table>
<thead>
<tr>
<th>LD/LC50 values relevant for classification:</th>
</tr>
</thead>
<tbody>
<tr>
<td>25068-38-6 Reaction product: bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight ( \leq 700 ))</td>
</tr>
<tr>
<td>LC50, 96h</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>LC50, 48h</td>
</tr>
</tbody>
</table>

**Primary irritant effect:**

**on the skin:** Causes skin irritation.

**on the eye:** Causes serious eye irritation.

**inhalation:** No irritating effect expected

**Sensitization:** May cause an allergic skin reaction.

**Additional toxicological information:**

**Carcinogenic categories**

IARC (International Agency for Research on Cancer) Human Carcinogenicity:

Group 1: Positive, Group 2A: Probable, Group 2B: Possible, Group 3: Not Classifiable

None of the ingredients is listed.

NTP (National Toxicology Program)

K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic

None of the ingredients is listed.
12 Ecological information

Toxicity
Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Behavior in environmental systems:
Bioaccumulative potential No further relevant information available.
Mobility in soil No further relevant information available.

Additional ecological information:
General notes:
Toxic for aquatic organisms
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.

Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods
Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:
Recommendation: Disposal must be made according to official regulations.

14 Transport information

<table>
<thead>
<tr>
<th>UN-Number</th>
<th>UN3082</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMDG, IATA</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UN proper shipping name</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMDG</td>
</tr>
<tr>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin (Number average MW ≤ 700)), MARINE POLLUTANT</td>
</tr>
<tr>
<td>IATA</td>
</tr>
<tr>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin (Number average MW ≤ 700))</td>
</tr>
</tbody>
</table>
# Safety Data Sheet

**Trade name:** Preprufe® Grout EG 75 - Base

## Transport hazard class(es)

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class</td>
<td>9 Miscellaneous dangerous substances and articles</td>
</tr>
<tr>
<td>Label</td>
<td>9</td>
</tr>
</tbody>
</table>

## Packing group

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing group</td>
<td>III</td>
</tr>
</tbody>
</table>

## Environmental hazards:

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product contains environmentally hazardous substances: Epoxy Resin (Number average MW ≤ 700)</td>
<td></td>
</tr>
</tbody>
</table>

## Marine pollutant:

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol (fish and tree)</td>
<td></td>
</tr>
</tbody>
</table>

## Special marking (ADR):

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol (fish and tree)</td>
<td></td>
</tr>
</tbody>
</table>

## Special marking (IATA):

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol (fish and tree)</td>
<td></td>
</tr>
</tbody>
</table>

## Special precautions for user

- Warning: Miscellaneous dangerous substances and articles

## Danger code (Kemler):

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td></td>
</tr>
</tbody>
</table>

## EMS Number:

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>F-A,S-F</td>
<td></td>
</tr>
</tbody>
</table>

## Stowage Category

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
</tr>
</tbody>
</table>

## Transport/Additional information:

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remarks:</td>
<td>Not regulated</td>
</tr>
</tbody>
</table>

## DOT

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limited quantities (LQ)</td>
<td>5 kg</td>
</tr>
<tr>
<td>Exempted quantities (EQ)</td>
<td>Code: E1</td>
</tr>
<tr>
<td>Maximum net quantity per inner packaging:</td>
<td>30 ml</td>
</tr>
<tr>
<td>Maximum net quantity per outer packaging:</td>
<td>1000 ml</td>
</tr>
</tbody>
</table>

## UN "Model Regulation":

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (EPOXY RESIN (NUMBER AVERAGE MW ≤ 700)), 9, III</td>
<td></td>
</tr>
</tbody>
</table>

## 15 Regulatory information

### SARA (Superfund Amendments and Reauthorization Act)

#### Section 302/304 (extremely hazardous substances):

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>None of the ingredients is listed.</td>
<td></td>
</tr>
</tbody>
</table>

#### Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>None of the ingredients is listed.</td>
<td></td>
</tr>
</tbody>
</table>

### SARA Section 312/Tier I & II Hazard Categories:

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Immediate (acute)</td>
<td>Yes</td>
</tr>
<tr>
<td>Health Delayed (chronic)</td>
<td>Yes</td>
</tr>
<tr>
<td>Flammable</td>
<td>No</td>
</tr>
<tr>
<td>Reactive</td>
<td>No</td>
</tr>
<tr>
<td>Pressure</td>
<td>No</td>
</tr>
</tbody>
</table>

### North America Chemical Inventory Status

<table>
<thead>
<tr>
<th>IMDG, IATA</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA (Toxic Substances Control Act - United States):</td>
<td></td>
</tr>
<tr>
<td>All ingredients are listed or exempt from listing unless otherwise noted below.</td>
<td></td>
</tr>
</tbody>
</table>
### Trade name: Preprufe® Grout EG 75 - Base

**CEPA (Canadian DSL):**
- All ingredients are listed or exempt from listing unless otherwise noted below.

**Right to Know Ingredient Disclosure:**
- Proprietary Epoxide, NJTSN801416109

**California Proposition 65**

**Chemicals known to cause cancer:**
- None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for females:**
- None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:**
- None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**
- None of the ingredients is listed.

**Carcinogenicity Categories**

**EPA (Environmental Protection Agency)**
- None of the ingredients is listed.

**TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)**
- Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable
- None of the ingredients is listed.

**NIOSH-Cancer (National Institute for Occupational Safety and Health)**
- None of the ingredients is listed.

**Volatile Organic Compounds (VOC) reported per the Emission Standards.**
- If no g/L value is provided this product is not subject to above standard.

### 16 Other information

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

**Department issuing SDS:**
- GCP Applied Technologies
- 62 Whittemore Avenue
- Cambridge, MA 02140 USA
- USA: +1-617-876-1400 (24 hours)
- +1-800-354-5414

**Date of preparation / last revision** 07/26/2016 / -

**The first date of preparation** 07/25/2016

**Number of revision times and the latest revision date** 1.0 / 07/26/2016
1 Identification

Product identifier
Trade name: Preprufe® Grout EG 75 - Hardener
SDS ID Number: 2669

Relevant identified uses of the substance or mixture, and uses advised against
Specialty construction product. Not intended for other uses

Details of the supplier of the safety data sheet
Manufacturer/Supplier:
GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA

GCP Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada

Information department:
Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts
CAN: 1-905-683-8561 (24 hours)

Transport Emergency: Chemtrec +1-800-424-9300 (24 hours)

2 Hazard(s) identification

Classification of the substance or mixture
Harmful in contact with skin.
Causes severe skin burns and eye damage.
Causes serious eye damage.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.

Label elements: The product is classified and labeled according to the Globally Harmonized System (GHS)

Hazard pictograms

GHS05  GHS07  GHS08

Danger

Hazard statements
Harmful in contact with skin.
Causes severe skin burns and eye damage.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.
Trade name: Preprufe® Grout EG 75 - Hardener

Precautionary statements
[In case of inadequate ventilation] wear respiratory protection.
Wear protective gloves / protective clothing.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation or rash occurs: Get medical advice/attention.
If swallowed: Rinse mouth. Do NOT induce vomiting.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

Hazard description: Corrosive

NFPA ratings (scale 0 - 4)
- Health = 3
- Fire = 1
- Reactivity = 1

HMIS-ratings (scale 0 - 4)
- HEALTH 3 Health = 3
- FIRE 1 Flammability = 1
- REACTIVITY 1 Reactivity = 1

Other hazards

Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixtures

Description: Mixture of the substances listed below with additional nonhazardous ingredients.

Hazardous components:

<table>
<thead>
<tr>
<th>Hazardous component</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>112-24-3 3,6-diazaoctanethylenediamin</td>
<td>50-100%</td>
</tr>
<tr>
<td>90-72-2 2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>10-20%</td>
</tr>
</tbody>
</table>

Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First-aid measures

Description of first aid measures

General information: Get medical advice/attention if you feel unwell.

After inhalation:
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse cautiously with water for several minutes.

After swallowing: Drink copious amounts of water and provide fresh air. Immediately call a doctor.
Trade name: Preprufe® Grout EG 75 - Hardener

43.0

Information for doctor:
Most important symptoms and effects, both acute and delayed May cause sensitization by skin contact.
Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Fire-fighting measures

Special hazards arising from the substance or mixture No further relevant information available.
Additiona information Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Avoid release to the environment.
Methods and material for containment and cleaning up:
Use neutralizing agent.
Dispose contaminated material as waste according to section 13 of the SDS.

Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

Handling:
Precautions for safe handling
Risk of serious damage to eyes.
Prevent formation of aerosols.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities
Storage:
Information about storage in one common storage facility: No special measures required.
Further information about storage conditions: Keep receptacle tightly sealed.

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.
Trade name: Preprufe® Grout EG 75 - Hardener

Control parameters

Components with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>Component</th>
<th>Limit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>112-24-3 3,6-diazaoctanethylenediamin</td>
<td>Long-term value: 6 mg/m³, 1 ppm</td>
</tr>
</tbody>
</table>

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:
The usual precautionary measures for handling chemicals should be followed.

Breathing equipment:
Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands: Not required.

Material of gloves Nitrile rubber.

Eye protection: Goggles recommended during refilling.

Body protection:
Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>General Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
</tr>
<tr>
<td>Form: Liquid</td>
</tr>
<tr>
<td>Color:</td>
</tr>
<tr>
<td>According to product specification</td>
</tr>
<tr>
<td>Odor: Characteristic</td>
</tr>
<tr>
<td>Odor threshold: Not determined.</td>
</tr>
<tr>
<td>pH-value (~): Not determined.</td>
</tr>
</tbody>
</table>

Change in condition

<table>
<thead>
<tr>
<th>Change in condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point/Melting range: Undetermined.</td>
</tr>
<tr>
<td>Boiling point/Boiling range: Undetermined.</td>
</tr>
<tr>
<td>Flash point: 204 °C (399 °F)</td>
</tr>
</tbody>
</table>

Flammability (solid, gaseous): Not applicable.

Decomposition temperature: Not determined.

Auto igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Explosion limits:
Lower: Not determined.
Upper: Not determined.
Trade name: Preprufe® Grout EG 75 - Hardener

VOC Content (max): Not determined.
Vapor pressure: Not determined.
Density: (~) at 20 °C (68 °F) 1 g/cm³ (8.345 lbs/gal)
Relative density Not determined.
Vapor density Not determined.
Evaporation rate Not determined.

Solubility in / Miscibility with Water: Not miscible or difficult to mix.
Partition coefficient (n-octanol/water): Not determined.

Viscosity:
Dynamic: Not determined.
Kinematic: Not determined.
Molecular weight Not applicable.

Other information No further relevant information available.

10 Stability and reactivity

Reactivity Stable under normal conditions.
Chemical stability
Thermal decomposition: No decomposition if used according to specifications.

Conditions to avoid No further relevant information available.
Incompatible materials: No further relevant information available.

Hazardous decomposition products: Carbon monoxide and carbon dioxide

11 Toxicological information

Information on toxicological effects

Acute toxicity:
LD/LC50 values relevant for classification:
90-72-2 2,4,6-tris(dimethylaminomethyl)phenol
Oral LD50 2169 mg/kg (rat) (OECD 401)
Dermal LD50 1242 mg/kg (rabbit)

Primary irritant effect:
on the skin: Harmful in contact with skin.
on the eye: Causes serious eye damage.
inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Sensitization: May cause an allergic skin reaction.

Additional toxicological information:
Carcinogenic categories
IARC (International Agency for Research on Cancer) Human Carcinogenicity: Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable

None of the ingredients is listed.
**Trade name:** Preprufe® Grout EG 75 - Hardener

---

### 12 Ecological information

**Toxicity**

*Aquatic toxicity:*

<table>
<thead>
<tr>
<th>Substance</th>
<th>EC₅₀, 72h</th>
<th>Concentration</th>
<th>EC₅₀, 72h</th>
<th>Concentration</th>
<th>OECD 201</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-72-2, 2,4,6-tris(dimethylamino)methyl)phenol</td>
<td>84 mg/l (algae)</td>
<td>(OECD 201)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Persistence and degradability** No further relevant information available.

**Behavior in environmental systems:**

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Additional ecological information:**

**General notes:**

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

Danger to drinking water if even small quantities leak into the ground.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

---

### 13 Disposal considerations

**Waste treatment methods**

**Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Uncleaned packagings:**

**Recommendation:** Disposal must be made according to official regulations.

---

### 14 Transport information

**UN-Number**

DOT, IMDG, IATA: UN2735
### Trade name: Preprufe® Grout EG 75 - Hardener

<table>
<thead>
<tr>
<th>UN proper shipping name</th>
<th>DOT</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amines, liquid, corrosive, n.o.s. (Triethylenetetramine, 2,4,6-tris(dimethylaminomethyl)phenol)</td>
<td>AMINES, LIQUID, CORROSIVE, N.O.S. (TRIETHYLENETETRAMINE, 2,4,6-tris(dimethylaminomethyl)phenol)</td>
<td></td>
</tr>
</tbody>
</table>

#### Transport hazard class(es)

- **DOT**
  - Class: 8 Corrosive substances
  - Label: 8

- **IMDG, IATA**
  - Class: 8 Corrosive substances
  - Label: 8

#### Packing group

- **DOT, IMDG, IATA**
  - II

#### Environmental hazards:

Not applicable.

#### Special precautions for user

- **Warning:** Corrosive substances

- **Danger code (Kemler):** 80

- **EMS Number:** F-A,S-B

- **Segregation groups:** Alkalis

- **Stowage Category:** A

- **Segregation Code:** SG35 Stow "separated from" acids.

#### Transport/Additional information:

- **IMDG**
  - Limited quantities (LQ): 1L
  - Excepted quantities (EQ): Code: E2
  - Maximum net quantity per inner packaging: 30 ml
  - Maximum net quantity per outer packaging: 500 ml

- **UN "Model Regulation":** UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (TRIETHYLENETETRAMINE, 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL), 8, II

### 15 Regulatory information

#### SARA (Superfund Amendments and Reauthorization Act)

- **Section 302/304 (extremely hazardous substances):**
  - None of the ingredients is listed.

- **Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):**
  - None of the ingredients is listed.
Trade name: *Preprufe® Grout EG 75 - Hardener*

**SARA Section 312/Tier I & II Hazard Categories:**
- Health Delayed (chronic): Yes
- Health Immediate (acute): Yes
- Flammable: No
- Reactive: No
- Pressure: No

**North American Chemical Inventory Status**

**TSCA (Toxic Substances Control Act - United States):**
All ingredients are listed or exempt from listing unless otherwise noted below.

**CEPA (Canadian DSL):**
All ingredients are listed or exempt from listing unless otherwise noted below.

**California Proposition 65**
- Chemicals known to cause cancer:
  - None of the ingredients is listed.
- Chemicals known to cause reproductive toxicity for females:
  - None of the ingredients is listed.
- Chemicals known to cause reproductive toxicity for males:
  - None of the ingredients is listed.
- Chemicals known to cause developmental toxicity:
  - None of the ingredients is listed.

**Carcinogenicity Categories**
- EPA (Environmental Protection Agency)
  - None of the ingredients is listed.
- TLV-ACGIH (The American Conference of Governmental Industrial Hygienists)
  - Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable
    - None of the ingredients is listed.
- NIOSH-Cancer (National Institute for Occupational Safety and Health)
  - None of the ingredients is listed.

**Volatile Organic Compounds (VOC) reported per the Emission Standards.**
If no g/L value is provided this product is not subject to above standard.

**16 Other Information**

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

**Department issuing SDS:**
GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414

**Date of preparation / last revision:** 08/02/2016 / -

**The first date of preparation:** 07/25/2016

**Number of revision times and the latest revision date:** 1.0 / 08/02/2016
1 Identification

Product identifier
Trade name: Preprufe® Grout EG 75 - Filler
SDS ID Number: 2673

Relevant identified uses of the substance or mixture, and uses advised against
Specialty construction product. Not intended for other uses

Details of the supplier of the safety data sheet

Manufacturer/Supplier:
GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA

GCP Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada

Information department:
Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts
CAN: 1-905-683-8561 (24 hours)

Transport Emergency: Chemtrec +1-800-424-9300 (24 hours)

* 2 Hazard(s) identification

Classification of the substance or mixture

Depending on the type of handling and use, airborne respirable crystalline silica may be generated. Prolonged and/or massive inhalation of respirable silica dust may cause silicosis. Occupational exposure to respirable crystalline silica should be monitored and controlled.

This product should be handled with care to avoid dust generation.
May cause cancer. Route of exposure: Inhalation.

Label elements:

Hazard pictograms

GHS08

Danger

Hazard statements
May cause cancer. Route of exposure: Inhalation.

Precautionary statements
Wear protective gloves/protective clothing/eye protection/face protection.
Trade name: **Preprufe® Grout EG 75 - Filler**

Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. IF exposed or concerned: Get medical advice/attention. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:** Avoid breathing dust.

**NFPA ratings (scale 0 - 4)**

- Health = 1
- Fire = 1
- Reactivity = 0

**HMIS-ratings (scale 0 - 4)**

- Health = *1
- Flammability = 1
- Reactivity = 0

**Other hazards**

**Results of PBT and vPvB assessment**

- PBT: Not applicable.
- vPvB: Not applicable.

**3 Composition/information on ingredients**

**Chemical characterization: Mixtures**

**Hazardous components:**

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (SiO2)</td>
<td>14808-60-7</td>
<td>50-100%</td>
</tr>
</tbody>
</table>

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

**4 First-aid measures**

**Description of first aid measures**

**General information:** Get medical advice/attention if you feel unwell.

**After inhalation:**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

**After skin contact:** Generally the product does not irritate the skin.

**After eye contact:** Rinse cautiously with water for several minutes.

**After swallowing:** If symptoms persist consult doctor.

**Information for doctor:**

- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

**5 Fire-fighting measures**

**Special hazards arising from the substance or mixture** No further relevant information available.
Trade name: Preprufe® Grout EG 75 - Filler

Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.

Methods and material for containment and cleaning up: Pick up mechanically.

Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

Handling:
Precautions for safe handling No special precautions are necessary if used correctly.
Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities
Storage:
Information about storage in one common storage facility: No special measures required.
Further information about storage conditions: Keep receptacle tightly sealed.
Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

| Components with limit values that require monitoring at the workplace: |
|-------------------------|--------------------------|
| 14808-60-7 Quartz (SiO2) |
| PEL (USA) | see Quartz listing |
| REL (USA) | Long-term value: 0.05* mg/m³ |
| *respirable dust; See Pocket Guide App. A |
| TLV (USA) | Long-term value: 0.025* mg/m³ |
| *as respirable fraction |

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls
Minimize airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organizational measures, eg. by isolating personnel from dusty areas. Remove and wash soiled clothing.
Trade name: Preprufe® Grout EG 75 - Filler

Personal protective equipment:

General protective and hygienic measures:
The usual precautionary measures for handling chemicals should be followed.

Breathing equipment:
Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands: Not required.

Eye protection: Safety glasses

Body protection:
Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>General Information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td></td>
</tr>
<tr>
<td>Form:</td>
<td>Solid</td>
</tr>
<tr>
<td>Color:</td>
<td>According to product specification</td>
</tr>
<tr>
<td>Odor:</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>pH-value (~):</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Change in condition</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point/Melting range:</td>
<td>Undetermined.</td>
</tr>
<tr>
<td>Boiling point/Boiling range:</td>
<td>Undetermined.</td>
</tr>
<tr>
<td>Flash point:</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

| Flammability (solid, gaseous): | Not determined. |
| Decomposition temperature:    | Not determined. |
| Auto igniting:                 | Product is not selfigniting. |
| Danger of explosion:           | Product does not present an explosion hazard. |

| Explosion limits:             |  |
| Lower:                         | Not determined. |
| Upper:                         | Not determined. |
| VOC Content (max):             | Not determined. |

| Vapor pressure:               | Not applicable. |
| Density: (~)                  | Not determined. |
| Relative density              | Not determined. |
| Vapor density                 | Not applicable. |
| Evaporation rate              | Not applicable. |

| Solubility in / Miscibility with Water: | Not miscible or difficult to mix. |
| Partition coefficient (n-octanol/water): | Not determined. |
10 Stability and reactivity

Reactivity Stable under normal conditions.

Chemical stability

Thermal decomposition: No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Carbon monoxide and carbon dioxide

11 Toxicological information

Prolonged and or massive exposure to respirable crystalline silica containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica.

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin: No irritating effect expected

on the eye: No irritating effect expected

inhalation: No irritating effect expected

Additional toxicological information: Carcinogenic if inhaled.

Carcinogenic categories

<table>
<thead>
<tr>
<th>IARC (International Agency for Research on Cancer) Human Carcinogenicity:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 1: Positive, Group 2A: Probable, Group 2B: Possible, Group 3: Not Classifiable</td>
<td></td>
</tr>
<tr>
<td>14808-60-7 Quartz (SiO2)</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NTP (National Toxicology Program)</th>
</tr>
</thead>
<tbody>
<tr>
<td>K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic</td>
</tr>
<tr>
<td>14808-60-7 Quartz (SiO2)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OSHA-Ca (Occupational Safety &amp; Health Administration)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None of the ingredients is listed.</td>
</tr>
</tbody>
</table>

* (Cont. on page 6)
12 Ecological information

Toxicity
Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Behavior in environmental systems:
Bioaccumulative potential No further relevant information available.
Mobility in soil No further relevant information available.

Additional ecological information:
General notes: Not known to be hazardous to water.

Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods
Recommendation:
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:
Recommendation: Disposal must be made according to official regulations.

14 Transport information

<table>
<thead>
<tr>
<th></th>
<th>UN-Number</th>
<th>DOT, IMDG, IATA</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name</td>
<td>DOT, IMDG, IATA</td>
<td>Not applicable.</td>
<td></td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>DOT, IMDG, IATA</td>
<td>Not applicable.</td>
<td></td>
</tr>
<tr>
<td>Class</td>
<td>Packing group</td>
<td>DOT, IMDG, IATA</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Environmental hazards:</td>
<td>Special precautions for user</td>
<td>DOT, IMDG, IATA</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>
**15 Regulatory information**

<table>
<thead>
<tr>
<th>SARA (Superfund Amendments and Reauthorization Act)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section 302/304 (extremely hazardous substances):</td>
</tr>
<tr>
<td>None of the ingredients is listed.</td>
</tr>
<tr>
<td>Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):</td>
</tr>
<tr>
<td>None of the ingredients is listed.</td>
</tr>
<tr>
<td>SARA Section 312/Tier I &amp; II Hazard Categories:</td>
</tr>
<tr>
<td>Health Immediate (acute)</td>
</tr>
<tr>
<td>Health Delayed (chronic)</td>
</tr>
<tr>
<td>Flammable</td>
</tr>
<tr>
<td>Reactive</td>
</tr>
<tr>
<td>Pressure</td>
</tr>
<tr>
<td>North America Chemical Inventory Status</td>
</tr>
<tr>
<td>TSCA (Toxic Substances Control Act - United States):</td>
</tr>
<tr>
<td>All ingredients are listed or exempt from listing unless otherwise noted below.</td>
</tr>
<tr>
<td>CEPA (Canadian DSL):</td>
</tr>
<tr>
<td>All ingredients are listed or exempt from listing unless otherwise noted below.</td>
</tr>
<tr>
<td>Right to Know Ingredient Disclosure:</td>
</tr>
<tr>
<td>Proprietary Amorphous Silica Mixture, NJTSN801416110</td>
</tr>
</tbody>
</table>

**California Proposition 65**

**Chemicals known to cause cancer:**
- Quartz (SiO2)

**Chemicals known to cause reproductive toxicity for females:**
- None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:**
- None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**
- None of the ingredients is listed.

**Carcinogenicity Categories**

<table>
<thead>
<tr>
<th>EPA (Environmental Protection Agency)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None of the ingredients is listed.</td>
</tr>
</tbody>
</table>

**TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)**

**Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable**
- Quartz (SiO2) A2

<table>
<thead>
<tr>
<th>NIOSH-Cancer (National Institute for Occupational Safety and Health)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14808-60-7</td>
</tr>
</tbody>
</table>
Volatile Organic Compounds (VOC) reported per the Emission Standards.
If no g/L value is provided this product is not subject to above standard.

16 Other information
The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

Department issuing SDS:
GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414

Date of preparation / last revision 07/29/2016 / -
The first date of preparation 07/26/2016
Number of revision times and the latest revision date 1.0 / 07/29/2016