Safety Data Sheet

Printing date 08/15/2017
Version Number 1.1
Reviewed on 08/15/2017

1 Identification

Product identifier
Trade name: PERM-A-BARRIER WB Primer
SDS ID Number: 60142

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)
Email address: msds.gcp@gcpat.com

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

2 Hazard(s) identification

Classification of the substance or mixture
Suspected of causing cancer.

Label elements:
Hazard pictograms

GHS08

Warning

Hazard statements
Suspected of causing cancer.

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

NFPA ratings (scale 0 - 4)

Health = 2
Fire = 1
Reactivity = 0

(Cont. on page 2)
Trade name: PERM-A-BARRIER WB Primer

HMIS-ratings (scale 0 - 4)

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FIRE</th>
<th>REACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

Health = *2
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: Mixture

Description: Mixture of the hazardous substance(s) listed below with additional nonhazardous ingredients.

<table>
<thead>
<tr>
<th>Hazardous components:</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-05-4 vinyl acetate</td>
</tr>
</tbody>
</table>

Additional information: Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.

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:
Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

After eye contact:
Rinse cautiously with water for several minutes.
Seek immediate medical advice.

After swallowing:
Rinse mouth.
Do NOT induce vomiting.
Immediately call a doctor.
Never give anything by mouth to an unconscious person.

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.
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:
Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.
Sweep up spilled product into receptacles.
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
Open and handle receptacle with care.
Prevent formation of aerosols.
Avoid contact with eyes, skin and clothing.
Do not take internally.
Practice good personal hygiene to avoid ingestion.
Use only with adequate ventilation.
Wash clothing before reuse.
FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

Information about protection against explosions and fires: Keep respiratorator available.

Conditions for safe storage, including any incompatibilities
Storage:
Information about storage in one common storage facility: Keep respiratorator available.
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:

<table>
<thead>
<tr>
<th>Component</th>
<th>REL (USA) Ceiling limit value: 15* mg/m³, 4* ppm</th>
<th>TLV (USA) Short-term value: 53 mg/m³, 15 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>*15-min</td>
<td>Long-term value: 35 mg/m³, 10 ppm</td>
</tr>
</tbody>
</table>

(Cont. on page 4)
Additional information: The lists that were valid during the creation were used as basis.

**Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:**

- Avoid contact with the eyes and skin.
- The usual precautionary measures for handling chemicals should be followed.
- Store protective clothing separately.

**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:**

- Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.
- Rubber or other impervious gloves should be worn to prevent skin contact.

**Material of gloves**

- Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

**Eye protection:**

- Safety glasses with side shield protection.

  Safety glasses with side shields should be worn to prevent contact due to splashing. Under high vapor mist concentrations, tightly sealed goggles should be worn.

- A face shield should also be worn if there is potential exposure to splash or spray.

**Body protection:**

- Protective work clothing
- Use personal protective equipment as required.
- Take off contaminated clothing.

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**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:</td>
</tr>
<tr>
<td>Color:</td>
</tr>
<tr>
<td>Odor:</td>
</tr>
<tr>
<td>Odor threshold:</td>
</tr>
</tbody>
</table>

| pH-value (~) at 20°C (68 °F): | 4.8 |

<table>
<thead>
<tr>
<th>Change in condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point/Melting range:</td>
</tr>
<tr>
<td>Boiling point/Boiling range:</td>
</tr>
<tr>
<td>Flash point:</td>
</tr>
</tbody>
</table>
### 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 further relevant information available.

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

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

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

**Additional information**: See section 7 for information on handling, storage and conditions to be avoided.

### 11 Toxicological information

**Information on toxicological effects**

**Acute toxicity**

**LD/LC50 values relevant for classification**

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Dermal LD50</th>
<th>Dermal LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-05-4 vinyl acetate</td>
<td>2920 mg/kg (rat)</td>
<td>2335 mg/kg (rabbit)</td>
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</tbody>
</table>

**Primary irritant effect**

- **on the skin**: No irritating effect expected
- **on the eye**: No irritating effect expected
- **inhalation**: No irritating effect expected

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*(Cont. from page 4)*

<table>
<thead>
<tr>
<th>Flammability (solid, gaseous)</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decomposition temperature:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Auto igniting:</td>
<td>Product is not self-igniting.</td>
</tr>
<tr>
<td>Danger of explosion:</td>
<td>Product does not present an explosion hazard.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Explosion limits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower:</td>
</tr>
<tr>
<td>Upper:</td>
</tr>
</tbody>
</table>

| VOC Content (max): | Not determined. |
|                   | Not determined. |

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

<table>
<thead>
<tr>
<th>Solubility in / Miscibility with Water:</th>
</tr>
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<tbody>
<tr>
<td>Not miscible or difficult to mix.</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Partition coefficient (n-octanol/water):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not determined.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Other information</th>
</tr>
</thead>
<tbody>
<tr>
<td>No further relevant information available.</td>
</tr>
</tbody>
</table>
Additional toxicological information: Suspected of causing cancer.

Carcinogenic categories

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

108-05-4 vinyl acetate 2B

NTP (National Toxicology Program)
K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

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: 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

Disposal methods:
Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing product for disposal. Dispose of waste in accordance with all applicable regulations.

Recommendation:

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

Uncleaned packagings:
Recommendation: Dispose of contents/container in accordance with local/regional/national/international regulations.

14 Transport information

UN-Number
DOT, IMDG, IATA Not applicable.
**UN proper shipping name**
DOT, IMDG, IATA
Not applicable.

**Transport hazard class(es)**
DOT, IMDG, IATA
Class
Not applicable.

**Packing group**
DOT, IMDG, IATA
Not applicable.

**Environmental hazards:**
Marine pollutant:
No

**Special precautions for user**
Not applicable.

**Transport/Additional information:**
Not classified as a dangerous good for transport by road, rail or air.

**DOT Remarks:**
Not Regulated.

**UN "Model Regulation":**
Not applicable.

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### 15 Regulatory information

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

<table>
<thead>
<tr>
<th>Section 302/304 (extremely hazardous substances):</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-05-4 vinyl acetate</td>
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</table>

<table>
<thead>
<tr>
<th>Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):</th>
</tr>
</thead>
<tbody>
<tr>
<td>None of the ingredients is listed.</td>
</tr>
</tbody>
</table>

**SARA Section 312/Tier I & II Hazard Categories:** Health Hazard - Carcinogenicity

**North America 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.

**Right to Know Ingredient Disclosure:**
- 25280-35-7 Acetic acid ethenyl ester
- 7732-18-5 Water

**California Proposition 65: (Substances <0.1% unless noted in Section 3)**

**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.
Safety Data Sheet

Trade name: PERM-A-BARRIER WB Primer

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.
10g/l (as applied)

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

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