1 Identification

Product identifier
Trade name: Deneseal 5050 Primer Part A
SDS ID Number: 2431

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
Flammable liquid and vapor.

Label elements:

Hazard pictograms

GHS02

Warning

Hazard statements
Flammable liquid and vapor.

Precautionary statements
Wear protective gloves/protective clothing/eye protection/face protection.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Keep container tightly closed.
Take precautionary measures against static discharge.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
Store in a well-ventilated place. Keep cool.

Hazard description: Flammable
NFPA ratings (scale 0 - 4)

- Health = 1
- Fire = 3
- Reactivity = 0

HMIS-ratings (scale 0 - 4)

- Health = 2
- Flammability = 3
- 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.

**Hazardous components:**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Code</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>540-88-5 tert-butyl acetate</td>
<td>50-100%</td>
<td></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.

**After swallowing:**
Rinse mouth.
Do NOT induce vomiting.

**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

**Extinguishing media**

- Suitable extinguishing agents: CO2, sand, extinguishing powder. Do not use water.

**Special hazards arising from the substance or mixture:** No further relevant information available.
Trade name: Deneseal 5050 Primer Part A

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
Prevent formation of aerosols.
Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.
Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.
Use only in explosion protected area.
Protect against electrostatic charges.
Use explosion-proof apparatus / fittings and spark-proof tools.
Empty containers may retain hazardous residue, both liquid and vapor.

Conditions for safe storage, including any incompatibilities
Storage:
Information about storage in one common storage facility: Use only in explosion protected area.
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

<table>
<thead>
<tr>
<th>Components with limit values that require monitoring at the workplace:</th>
</tr>
</thead>
<tbody>
<tr>
<td>540-88-5 tert-butyl acetate</td>
</tr>
<tr>
<td>PEL (USA) Long-term value: 950 mg/m³, 200 ppm</td>
</tr>
</tbody>
</table>
Safety Data Sheet

Trade name: *Deneseal 5050 Primer Part A*

**EXPOSURE CONTROLS**

**Personal protective equipment:**

**General protective and hygiene 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:** Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

**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:**

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><strong>Appearance:</strong></td>
</tr>
<tr>
<td>Form: Liquid</td>
</tr>
<tr>
<td>Color: 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>

<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: 97 °C (207 °F)</td>
</tr>
<tr>
<td>Flash point: 24 °C (75 °F)</td>
</tr>
</tbody>
</table>

| Flammability (solid, gaseous): Not applicable. |
| Decomposition temperature: Not determined. |
| Auto igniting: Product is not selfigniting. |
| Danger of explosion: In use, may form flammable/explosive vapor-air mixture. |
Trading name: Deneseal 5050 Primer Part A

### 4.3.3 Explosion limits:
- **Lower:** Not determined.
- **Upper:** Not determined.
- **VOC Content (max):** Not determined.

### Vapor pressure at 20 °C (68 °F):
- 41 hPa (31 mm Hg)

### Density: (~) at 20 °C (68 °F)
- 1.0 g/cm³ (8.345 lbs/gal)

### Thermal stability:
- **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.

**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
- Other potentially hazardous products may also be formed.

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

### 11 Toxicological information
**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:**
- Over exposure by inhalation or ingestion may be fatal. Chemicals contained in this product can affect the skin, heart, brain, liver, kidneys, lungs and spleen. Some harmful effects are also possible through skin absorption.
Trade name: Deneseal 5050 Primer Part A

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: Comply with Federal, State and local regulations.

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>DOT, IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1263</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UN proper shipping name</th>
<th>DOT</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paint related material solution</td>
<td></td>
<td>PAINT RELATED MATERIAL solution</td>
</tr>
</tbody>
</table>
### Transport hazard class(es)

**DOT**

- **Class**: 3
- **Label**: Flammable liquids

**IMDG, IATA**

- **Class**: 3
- **Label**: Flammable liquids

### Packing group

**DOT, IMDG, IATA**

- **Packing group**: III

### Environmental hazards:

- **Marine pollutant**: No

### Special precautions for user

- **Warning**: Flammable liquids
- **Danger code (Kemler)**: 30
- **EMS Number**: F-E,S-E

### Transport/Additional information:

**IMDG**

- **Limited quantities (LQ)**: 5L
- **Excepted quantities (EQ)**: Code: E1
  - Maximum net quantity per inner packaging: 30 ml
  - Maximum net quantity per outer packaging: 1000 ml

**UN "Model Regulation"**: UN1263, Paint related material solution, special provision 640E, 3, III

### 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.

**SARA Section 312/Tier I & II Hazard Categories**: Physical Hazard - Flammable (gases, aerosols, liquids, or solids)

**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**:

- 41638-13-5 Bisphenol-A (Epichlorohydrine) Polymer

**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. 50 g/l**

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### 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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**The first date of preparation** 04/24/2015

**Number of revision times and the latest revision date** 1.0 / 03/06/2017