1 Identification

- Product identifier
  - Trade name: Pecora Deck 1000HB Base
  - Other means of identification: No other identifiers
- Recommended use and restriction on use
  - Recommended use: Urethane Coating Base Component
  - Restrictions on use: No relevant information available.
- Details of the supplier of the Safety Data Sheet
  - Manufacturer/Supplier: Pecora Corporation
    165 Wambold Road
    Harleysville, PA 19438
    215-723-6051
  - Emergency telephone number: CHEMTREC
    1-800-424-9300 (US/Canada)

2 Hazard(s) Identification

- Classification of the substance or mixture
  - Eye Irrit. 2A H319 Causes serious eye irritation.
  - Skin Sens. 1 H317 May cause an allergic skin reaction.
- Label elements
  - GHS label elements
    The product is classified and labeled according to the Globally Harmonized System (GHS).
  - Hazard pictograms:
    ! [GHS07]
- Signal word: Warning
- Hazard statements:
  - H319 Causes serious eye irritation.
  - H317 May cause an allergic skin reaction.
- Precautionary statements:
  - P261 Avoid breathing dust/fume/gas/mist/vapors/spray
  - P264 Wash thoroughly after handling.
  - P272 Contaminated work clothing must not be allowed out of the workplace.
  - P280 Wear protective gloves and eye protection.
  - P302+P352 If on skin: Wash with plenty of soap and water.
  - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
  - P337+P313 If eye irritation persists: Get medical advice/attention.
  - P363 Wash contaminated clothing before reuse.
  - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

(Cont'd. on page 2)
Trade name: Pecora Deck 1000HB Base

(Cont'd. of page 1)

- Other hazards There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

- Chemical characterization: Mixtures

<table>
<thead>
<tr>
<th>Components</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>14807-96-6</td>
<td>Talc</td>
</tr>
<tr>
<td>1332-58-7</td>
<td>Kaolin</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium dioxide</td>
</tr>
<tr>
<td>1305-78-8</td>
<td>Calcium oxide</td>
</tr>
<tr>
<td>41556-26-7</td>
<td>bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate</td>
</tr>
<tr>
<td>25973-55-1</td>
<td>2-(2H-benzotriazol-2-yl)-4,6-diterpentyphenol</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Quartz</td>
</tr>
<tr>
<td>82919-37-7</td>
<td>Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate</td>
</tr>
</tbody>
</table>

- Additional information:
  Non-classification as a carcinogen is based on non-inhalable form of product. IARC listings for quartz and titanium dioxide note that the substance must be respirable.

  For the wording of the listed Hazard Statements, refer to section 16.

  For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.

4 First-aid measures

- Description of first aid measures
  - After inhalation: Supply fresh air; consult doctor in case of complaints.
  - After skin contact:
    Wash with soap and water.
    If skin irritation or rash occurs: Get medical advice/attention.
  - After eye contact:
    Remove contact lenses if worn.
    Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
  - After swallowing: Do not induce vomiting; immediately call for medical help.
  - Most important symptoms and effects, both acute and delayed:
    Gastric or intestinal disorders when ingested.
    Causes eye irritation.
    Allergic reactions
  - Indication of any immediate medical attention and special treatment needed:
    Contains bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate, Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.
    Treat skin and mucous membrane with antihistamine and corticoid preparations.

(Cont'd. on page 3)
5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents:
  - Carbon dioxide
  - Fire-extinguishing powder
  - Gaseous extinguishing agents
  - Foam
  - Sand
- Water fog / haze
- For safety reasons unsuitable extinguishing agents: Water stream.
- Special hazards arising from the substance or mixture
  - Formation of toxic gases is possible during heating or in case of fire.
- Advice for firefighters
- Protective equipment:
  - Wear self-contained respiratory protective device.
  - Wear fully protective suit.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
  - Ensure adequate ventilation.
  - Use personal protective equipment as required.
- Environmental precautions
  - Avoid release to the environment.
- Methods and material for containment and cleaning up
  - Towel or mop up material and collect in a suitable container.
  - For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard.
- 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.
    - Keep out of reach of children.
    - Avoid contact with the eyes and skin.
- Conditions for safe storage, including any incompatibilities
  - Requirements to be met by storerooms and receptacles:
    - Store in cool, dry conditions in well sealed receptacles.
    - Avoid storage near extreme heat, ignition sources or open flame.
  - Information about storage in one common storage facility: Store away from foodstuffs.
  - Specific end use(s) No relevant information available.
### 8 Exposure controls/personal protection

#### Control parameters

<table>
<thead>
<tr>
<th>Component with limit values requiring monitoring at the workplace</th>
<th>PEL (USA)</th>
<th>REL (USA)</th>
<th>TLV (USA)</th>
<th>EL (Canada)</th>
<th>EV (Canada)</th>
<th>LMPE (Mexico)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14807-96-6 Talc</td>
<td>Long-term value: 20 mppcf ppm (containing &lt;1% Quartz)</td>
<td>Long-term value: 2* mg/m³ *respirable dust; and &lt;1% Quartz</td>
<td>Long-term value: 2* mg/m³ *as respirable fraction; E</td>
<td>Long-term value: 2*0.1 f/cc mg/m³ resp. *if contains asbestos: ACGIH A1, IARC 1</td>
<td>Long-term value: 2* mg/m³, 2 f/cc ppm *respirable</td>
<td>Long-term value: 2* mg/m³ A4, *fracción respirable</td>
</tr>
<tr>
<td>1332-58-7 Kaolin</td>
<td>Long-term value: 15* 5** mg/m³ *total dust **respirable fraction</td>
<td>Long-term value: 10* 5** mg/m³ *total dust **respirable fraction</td>
<td>Long-term value: 2* mg/m³ E; as respirable fraction</td>
<td>Long-term value: 2 mg/m³</td>
<td>Long-term value: 2(D) mg/m³ res respirable</td>
<td>Long-term value: 2* mg/m³ A4, *fracción respirable</td>
</tr>
<tr>
<td>13463-67-7 Titanium dioxide</td>
<td>Long-term value: 15* mg/m³ *total dust</td>
<td>See Pocket Guide App. A</td>
<td>Long-term value: 10 mg/m³</td>
<td>Long-term value: 10* 3** mg/m³ *total dust;**respirable fraction; IARC 2B</td>
<td>Long-term value: 10 mg/m³ total dust</td>
<td>Long-term value: 10 mg/m³ A4</td>
</tr>
<tr>
<td>1305-78-8 Calcium oxide</td>
<td>Long-term value: 5 mg/m³</td>
<td>Long-term value: 2 mg/m³</td>
<td>Long-term value: 2 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Trade name: Pecora Deck 1000HB Base

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EL (Canada)</td>
<td>Long-term value: 2 mg/m³</td>
</tr>
<tr>
<td>EV (Canada)</td>
<td>Long-term value: 2 mg/m³</td>
</tr>
<tr>
<td>LMPE (Mexico)</td>
<td>Long-term value: 2 mg/m³</td>
</tr>
</tbody>
</table>

### 14808-60-7 Quartz

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL (USA)</td>
<td>Long-term value: 0.05* mg/m³</td>
</tr>
<tr>
<td></td>
<td>*resp. dust; 30mg/m3/%SiO2+2</td>
</tr>
<tr>
<td>REL (USA)</td>
<td>Long-term value: 0.05* mg/m³</td>
</tr>
<tr>
<td></td>
<td>*respirable dust; See Pocket Guide App. A</td>
</tr>
<tr>
<td>TLV (USA)</td>
<td>Long-term value: 0.025* mg/m³</td>
</tr>
<tr>
<td></td>
<td>*as respirable fraction</td>
</tr>
<tr>
<td>EL (Canada)</td>
<td>Long-term value: 0.025 mg/m³</td>
</tr>
<tr>
<td></td>
<td>ACGIH A2; IARC 1</td>
</tr>
<tr>
<td>EV (Canada)</td>
<td>Long-term value: 0.10* mg/m³</td>
</tr>
<tr>
<td></td>
<td>*respirable fraction</td>
</tr>
<tr>
<td>LMPE (Mexico)</td>
<td>Long-term value: 0.025 mg/m³</td>
</tr>
<tr>
<td></td>
<td>A2, *fracción respirable</td>
</tr>
</tbody>
</table>

### Exposure controls

- **General protective and hygienic measures:**
  The usual precautionary measures for handling chemicals should be followed.
  Keep away from foodstuffs, beverages and feed.
  Avoid contact with the eyes and skin.
  Avoid breathing mist, vapors, or spray.

- **Engineering controls:** No relevant information available.

- **Breathing equipment:**
  Not required under normal conditions of use.
  Use suitable respiratory protective device in case of insufficient ventilation.
  A NIOSH approved dust respirator should be used for operations generating dust.

- **Protection of hands:**

  ![Protective gloves]

  Wear protective gloves to handle contents of damaged or leaking units.
  Gloves are advised for repeated or prolonged contact.

- **Eye protection:**

  ![Safety glasses]

  Follow relevant national guidelines concerning the use of protective eyewear.

### Body protection: Protective work clothing

**Limitation and supervision of exposure into the environment** No special requirements.

**Risk management measures** No special requirements.

## 9 Physical and chemical properties

(Cont'd. on page 6)
Trade name: Pecora Deck 1000HB Base

10 Stability and reactivity

- **Reactivity**: No relevant information available.
- **Chemical stability**: Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided**:
  No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions**: Reacts with oxidizing agents.
- **Conditions to avoid**: Excessive heat.
- **Incompatible materials**: Oxidizers.
Trade name: Pecora Deck 1000HB Base

- Hazardous decomposition products
  Under fire conditions only:
  Carbon monoxide and carbon dioxide

11 Toxicological information

- Information on toxicological effects
  - Acute toxicity: Based on available data, the classification criteria are not met.

- LD/LC50 values that are relevant for classification:
  - 8001-79-4 Castor oil
    - Oral LD50 >4952 mg/kg (rat)

- Primary irritant effect:
  - On the skin: Based on available data, the classification criteria are not met.
  - On the eye: Causes eye irritation.

- Sensitization:
  Contains bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate, Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.

- IARC (International Agency for Research on Cancer):
  Reference to chemical component(s) listed below are based on unbound respirable particles and are not generally applicable to product as supplied.

| 13463-67-7  | Titanium dioxide               | 2B |
| 14808-60-7  | Quartz                        | 1  |

- NTP (National Toxicology Program):
  - 14808-60-7 Quartz

- OSHA-Ca (Occupational Safety & Health Administration):
  None of the ingredients are listed.

- Probable route(s) of exposure:
  - Ingestion.
  - Inhalation.
  - Eye contact.
  - Skin contact.

- Germ cell mutagenicity: Based on available data, the classification criteria are not met.

- Carcinogenicity: Based on available data, the classification criteria are not met.

- Reproductive toxicity: Based on available data, the classification criteria are not met.

- STOT-single exposure: Based on available data, the classification criteria are not met.

- STOT-repeated exposure: Based on available data, the classification criteria are not met.

- Aspiration hazard: Based on available data, the classification criteria are not met.

12 Ecological information

- Toxicity
  - Aquatic toxicity
    Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>41556-26-7 bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 0.97 mg/l (leptomis macrochirus)</td>
</tr>
</tbody>
</table>
13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation:**
    Smaller quantities can be disposed of with household waste.
    Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
    The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

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

14 Transport information

- **UN-Number**
  - DOT, ADR/RID/ADN, IMDG, IATA
    Not regulated.

- **UN proper shipping name**
  - DOT, ADR/RID/ADN, IMDG, IATA
    Not regulated.

- **Transport hazard class(es)**
  - DOT, ADR/RID/ADN, IMDG, IATA
    Class
    Not regulated.

- **Packing group**
  - DOT, ADR/RID/ADN, IMDG, IATA
    Not regulated.

- **Environmental hazards**
  - Marine pollutant:
    No

- **Special precautions for user**
  - Not applicable.

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
  - Not applicable.
## Trade name: Pecora Deck 1000HB Base

### Section 302 (extremely hazardous substances):
None of the ingredients are listed.

### Section 355 (extremely hazardous substances):
None of the ingredients are listed.

### Section 313 (Specific toxic chemical listings):
None of the ingredients are listed.

### TSCA (Toxic Substances Control Act)
All ingredients are listed or exempt.

#### Proposition 65 (California)
- **Chemicals known to cause cancer:**
  Reference to quartz and titanium dioxide is based on unbound respirable particles and is not generally applicable to product as supplied.
  Reference to talc not applicable to product, as product contains no asbestiform fibers.

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>14807-96-6</td>
<td>Talc</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium dioxide</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Quartz</td>
</tr>
</tbody>
</table>

#### Chemicals known to cause developmental toxicity for females:
None of the ingredients are listed.

#### Chemicals known to cause developmental toxicity for males:
None of the ingredients are listed.

#### Chemicals known to cause developmental toxicity:
None of the ingredients are listed.

### EPA (Environmental Protection Agency):
None of the ingredients are listed.

#### IARC (International Agency for Research on Cancer):
Reference to chemical component(s) listed below are based on unbound respirable particles and are not generally applicable to product as supplied.

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
<th>IARC Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>Titanium dioxide</td>
<td>2B</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Quartz</td>
<td>1</td>
</tr>
</tbody>
</table>

### Canadian Domestic Substances List (DSL):
All ingredients are listed or exempt.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Abbreviations and acronyms:**
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- OSHA: Occupational Safety & Health Administration

(Cont’d. on page 10)
Trade name: Pecora Deck 1000HB Base

Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Sources
Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)
Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
Safety Data Sheets, Individual Manufacturers
SDS Prepared by:
ChemTel Inc.
1305 North Florida Avenue
Tampa, Florida USA 33602-2902
Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573
Website: www.chemtelinc.com