1 Identification

- **Product identifier**
  - **Trade name:** Crawford's Natural Blend Painter's Putty
  - **Relevant identified uses of the substance or mixture and uses advised against**
    No further relevant information available.

- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**
    Crawford Products Co.
    P.O. Box 4339
    Whittier, CA 90607-4339
    Phone: 323-721-6429
    Fax: 323-721-0826
  - **Emergency telephone number:** 323-721-6429

2 Hazard(s) identification

- **Classification of the substance or mixture**
  - **GHS08 Health hazard**
    - Carc. 2 H351 Suspected of causing cancer.
  - **GHS07**
    - Skin Irrit. 2 H315 Causes skin irritation.
    - Eye Irrit. 2A H319 Causes serious eye irritation.
    - STOT SE 3 H335 May cause respiratory irritation.

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

- **Hazard pictograms**
  - GHS07
  - GHS08

- **Signal word** Warning

- **Hazard-determining components of labeling:**
  - Trade Secret
  - Trade Secret

- **Hazard statements**
  - Causes skin irritation.
  - Causes serious eye irritation.
  - Suspected of causing cancer.
  - May cause respiratory irritation.

- **Precautionary statements**
  - Avoid breathing dust/fume/gas/mist/vapors/spray
  - Use only outdoors or in a well-ventilated area.
  - Wear protective gloves.

(Contd. on page 2)
Trade name: Crawford’s Natural Blend Painter’s Putty

Wear eye protection / face protection.
Wash thoroughly after handling.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a poison center/doctor if you feel unwell.
IF exposed or concerned: Get medical advice/attention.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
If on skin: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
Store locked up.
Store in a well-ventilated place. Keep container tightly closed.
Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Unknown acute toxicity:**
  42.8 percent of the mixture consists of ingredient(s) of unknown toxicity.

- **Classification system:**
  - **NFPA ratings (scale 0 - 4)**
    - Health = 1
    - Fire = 1
    - Reactivity = 0
  - **HMIS-ratings (scale 0 - 4)**
    - HEALTH 1
    - FIRE 1
    - REACTIVITY 0
  - **Hazard(s) not otherwise classified (HNOC):** None known

### 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:** Mixture of substances listed below with nonhazardous additions.

#### Dangerous Components:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320</td>
<td>56.3%</td>
</tr>
<tr>
<td>Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335</td>
<td>30.6%</td>
</tr>
<tr>
<td>Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335</td>
<td>12.2%</td>
</tr>
<tr>
<td>Carc. 2, H351; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335</td>
<td>0.5%</td>
</tr>
<tr>
<td>Flam. Liq. 2, H225; Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; STOT SE 1, H370</td>
<td>0.5%</td>
</tr>
</tbody>
</table>

(Contd. on page 3)
4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** In case of unconsciousness, place patient securely on side position for transportation.
- **After skin contact:**
  - Immediately wash with water and soap and rinse thoroughly.
  - If skin irritation occurs, consult a doctor.
- **After eye contact:**
  - Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If swallowed and symptoms occur, consult a 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

- **Extinguishing media**
  - **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
  - **Special hazards arising from the substance or mixture**
    - No further relevant information available.
  - **Advice for firefighters**
  - **Protective equipment:**
    - As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
  - Not required.
- **Environmental precautions:**
  - Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
  - Ensure adequate ventilation.
  - Dispose of the collected material according to regulations.
- **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**
    - Ensure good ventilation/exhaustion at the workplace.
  - **Information about protection against explosions and fires:**
    - No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
  - **Requirements to be met by storerooms and receptacles:**
    - No special requirements.
  - **Information about storage in one common storage facility:**
    - Not 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 section 7.

(Contd. on page 4)
Safety Data Sheet (SDS)

Trade name: Crawford’s Natural Blend Painter’s Putty

· **Control parameters**

  · **Components with occupational exposure limits:**

    | Trial Secret | PEL | Long-term value: 15* 5** mg/m³  
                     *total dust **respirable fraction
    | Trial Secret | REL | Long-term value: 10* 5** mg/m³  
                     *total dust **respirable fraction
    | Trial Secret | TLV | TLV withdrawn

    | Trial Secret | NIOSH | Short-term value: 5 mg/m³  
                     Long-term value: 10 mg/m³
    | Trial Secret | NIOSH TWA | Short-term value: 5 mg/m³  
                     Long-term value: 10 mg/m³  
                     respirable dust
    | Trial Secret | OSHA | Short-term value: 5 mg/m³  
                     Long-term value: 15 mg/m³
    | Trial Secret | OSHA TWA | Short-term value: 5 mg/m³  
                     Long-term value: 15 mg/m³  
                     respirable fraction

    | Trial Secret | TWA | Short-term value: 5 mg/m³  
                     Long-term value: 10 mg/m³

    | Trial Secret | PEL | Long-term value: 260 mg/m³, 200 ppm
    | Trial Secret | REL | Short-term value: 325 mg/m³, 250 ppm  
                     Long-term value: 260 mg/m³, 200 ppm  
                     Skin
    | Trial Secret | TLV | Short-term value: 328 mg/m³, 250 ppm  
                     Long-term value: 262 mg/m³, 200 ppm  
                     Skin; BEI

  · **Ingredients with biological limit values:**

    | Trial Secret | BEI | 15 mg/L  
                     urine  
                     end of shift  
                     Methanol (background, nonspecific)

  · **Additional information:** The lists that were valid during the creation of this SDS were used as basis.

  · **Exposure controls**

  · **Personal protective equipment:**

  · **General protective and hygienic measures:**

    Keep away from foodstuffs, beverages and feed.
    Immediately remove all soiled and contaminated clothing and wash before reuse.
    Wash hands before breaks and at the end of work.
    Avoid contact with the eyes and skin.

  · **Breathing equipment:** Not required.

(Contd. on page 5)
Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Select glove material based on penetration times, rates of diffusion and degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

Eye protection:

Tightly sealed goggles

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

- **Form:** Paste
- **Color:** Off white to tan
- **Odor:** Odorless
- **Odor threshold:** Not determined.
- **pH-value:** Not applicable.

Change in condition

- **Melting point/Melting range:** Not determined.
- **Boiling point/Boiling range:** Not determined.

- **Flash point:** 113 °C (235 °F)
- **Flammability (solid, gaseous):** Not determined.

Ignition temperature:

- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.

Explosion limits:

- **Lower:** Not determined.
- **Upper:** Not determined.

Vapor pressure:

Not applicable.
Trade name: Crawford’s Natural Blend Painter’s Putty

· Density:
  Relative density: Not determined.
  Vapor density: Not applicable.
  Evaporation rate: Not applicable.

· Solubility in / Miscibility with Water:
  Insoluble.

· Partition coefficient (n-octanol/water):
  Not determined.

· Viscosity:
  Dynamic: Not applicable.
  Kinematic: Not applicable.

· Solvent content:
  Organic solvents: 0.5 %
  VOC content: 0.5 %
  Solids content: 88.4 %

· Other information:
  No further relevant information available.

10 Stability and reactivity

· Reactivity:
  No further relevant information available.

· Chemical stability:
  Stable under normal conditions.

· Thermal decomposition / conditions to be avoided:
  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:
  No dangerous decomposition products known.

11 Toxicological information

· Information on toxicological effects:

· Acute toxicity:

<table>
<thead>
<tr>
<th>LD/LC50 values that are relevant for classification:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret</td>
</tr>
<tr>
<td>TRADE SECRET</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Trade Secret</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

· Primary irritant effect:
  on the skin: Irritant to skin and mucous membranes.
  on the eye:
  Irritating effect.
  Causes serious eye irritation.

· Additional toxicological information:
  The product shows the following dangers according to internally approved calculation methods for preparations:

(Contd. on page 7)
Trade name: Crawford's Natural Blend Painter's Putty

Irritant

Carcinogenic categories

- IARC (International Agency for Research on Cancer)
  TRADE SECRET

- NTP (National Toxicology Program)
  None of the ingredients are listed.

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

12 Ecological information

Toxicity

- Aquatic toxicity:
  TRADE SECRET
  EC50 >1000 mg/l (Water flea)

  - 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

- UN-Number
  - DOT, ADR, IMDG, IATA: Non-Regulated Material
  - UN proper shipping name
  - DOT, ADR, IMDG, IATA: Non-Regulated Material

- Transport hazard class(es)
  - DOT, ADR, IMDG, IATA: Non-Regulated Material
  - Class
    - Packing group
      - DOT, ADR, IMDG, IATA: Non-Regulated Material
  - Environmental hazards:
    - Not applicable.
  - Special precautions for user:
    - Not applicable.
  - Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:
    - Not applicable.
**安全数据表 (SDS)**

OSHA HazCom 标准29 CFR 1910.1200(g)和GHS Rev 03.

**印刷日期：**04/23/2015  **审阅日期：**04/23/2015

**Trade name:** Crawford's Natural Blend Painter's Putty

### 15 Regulatory information

- **UN “Model Regulation”:**

<table>
<thead>
<tr>
<th><strong>安全，健康和环境法律法规/法律</strong></th>
<th>无</th>
</tr>
</thead>
</table>

| **Sara** |
|----------------------------------|---|
| **Section 355 (extremely hazardous substances):** |
| None of the ingredients are listed. |
| **Section 313 (Specific toxic chemical listings):** |
| Trade Secret |
| Trade Secret |

| **TSCA (Toxic Substances Control Act):** |
| Trade Secret |
| Trade Secret |
| TRADE SECRET |
| Trade Secret |
| Trade Secret |

- **California Proposition 65**

| **Chemicals known to cause cancer:** |
| TRADE SECRET |

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

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

| **Chemicals known to cause developmental toxicity:** |
| Trade Secret |

- **Carcinogenic categories**

| **EPA (Environmental Protection Agency)** |
| Trade Secret | D |

| **TLV (Threshold Limit Value established by ACGIH)** |
| TRADE SECRET | A4 |

| **NIOSH-Ca (National Institute for Occupational Safety and Health)** |
| TRADE SECRET |

| **GHS label elements** |
| The product is classified and labeled according to the Globally Harmonized System (GHS). |

| **Hazard pictograms** |
| GHS07  GHS08 |

| **Signal word** |
| Warning |

(Contd. on page 9)
**Safety Data Sheet (SDS)**
OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

**Printing date 04/23/2015**  
**Reviewed on 04/23/2015**

**Trade name: Crawford’s Natural Blend Painter’s Putty**

- **Hazard-determining components of labeling:**  
  Trade Secret  
  Trade Secret  

- **Hazard statements**  
  Causes skin irritation.  
  Causes serious eye irritation.  
  Suspected of causing cancer.  
  May cause respiratory irritation.

- **Precautionary statements**  
  Avoid breathing dust/fume/gas/mist/vapors/spray  
  Use only outdoors or in a well-ventilated area.  
  Wear protective gloves.  
  Wear eye protection / face protection.  
  Wash thoroughly after handling.  
  Obtain special instructions before use.  
  Do not handle until all safety precautions have been read and understood.  
  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
  Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).  
  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
  Call a poison center/doctor if you feel unwell.  
  IF exposed or concerned: Get medical advice/attention.  
  IF skin irritation occurs: Get medical advice/attention.  
  IF eye irritation persists: Get medical advice/attention.  
  IF on skin: Wash with plenty of water.  
  Take off contaminated clothing and wash it before reuse.  
  Store locked up.  
  Store in a well-ventilated place. Keep container tightly closed.  
  Dispose of contents/container in accordance with local/regional/national/international regulations.

- **National regulations:**  
The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

- **State Right to Know**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Hazard Statements</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320</td>
<td></td>
<td>40-60%</td>
</tr>
<tr>
<td>Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335</td>
<td></td>
<td>25-50%</td>
</tr>
<tr>
<td>Carc. 2, H351; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335</td>
<td></td>
<td>≤ 2.5%</td>
</tr>
<tr>
<td>Flam. Liq. 2, H225; Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; STOT SE 1, H370</td>
<td></td>
<td>≤ 2.5%</td>
</tr>
<tr>
<td>Self-heat. 1, H251</td>
<td></td>
<td>≤ 2.5%</td>
</tr>
</tbody>
</table>

All ingredients are listed.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

(Contd. on page 10)
Trade name: Crawford’s Natural Blend Painter’s Putty

16 Other information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· Date of preparation / last revision 04/23/2015 / -

· Abbreviations and acronyms:
  ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
  ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
  IMDG: International Maritime Code for Dangerous Goods
  DOT: US Department of Transportation
  IATA: International Air Transport Association
  ACGIH: American Conference of Governmental Industrial Hygienists
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  NFPA: National Fire Protection Association (USA)
  HMIS: Hazardous Materials Identification System (USA)
  VOC: Volatile Organic Compounds (USA, EU)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  Flam. Liq. 2: Flammable liquids, Hazard Category 2
  Acute Tox. 3: Acute toxicity, Hazard Category 3
  Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
  Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
  Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B
  Carc. 2: Carcinogenicity, Hazard Category 2
  STOT SE 1: Specific target organ toxicity - Single exposure, Hazard Category 1
  STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

· * Data compared to the previous version altered.

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