SECTION 1: Identification

1.1. Identification
Product form : Mixture
Trade name : INCA Putty Pad
Product code : INCA Putty Pad

1.2. Recommended use and restrictions on use
Use of the substance/mixture : Fill, Void Or Cavity Materials

1.3. Supplier
International Fireproof Technology, Inc.
17528 Von Karman Ave.
Irvine, CA 92614
T 949-975-8588
tom@painttoprotect.com (Tom Hsiang)

1.4. Emergency telephone number
Emergency number : CHEMTREC 1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture
GHS-US classification
Acute toxicity (oral) Category 4 Harmful if swallowed
Serious eye damage/eye irritation Category 2B Causes eye irritation
Skin sensitization, Category 1 May cause an allergic skin reaction

2.2. GHS Label elements, including precautionary statements
GHS-US labeling
Hazard pictograms (GHS-US) : 
Signal word (GHS-US) : Warning
Hazard statements (GHS-US)
- Harmful if swallowed
- May cause an allergic skin reaction
- Causes eye irritation
Precautionary statements (GHS-US)
- Avoid breathing dust.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Contaminated work clothing must not be allowed out of the workplace
- Wear protective gloves.
- If swallowed: Call a POISON CENTER if you feel unwell
- If on skin: Wash with plenty of water
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Rinse mouth.
- If skin irritation or rash occurs: Get medical advice/attention.
- If eye irritation persists: Get medical advice/attention.
- Wash contaminated clothing before reuse.
- Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards which do not result in classification
No additional information available

2.4. Unknown acute toxicity (GHS US)
Not applicable
SECTION 3: Composition/Information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium polyphosphate</td>
<td>(CAS-No.) 68333-79-9</td>
<td>10 - 25</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
<tr>
<td>Phenol-formaldehyde polymer</td>
<td>(CAS-No.) 9003-35-4</td>
<td>5 - 15</td>
<td>Eye Irrit. 2B, H320</td>
</tr>
</tbody>
</table>

Full text of hazard classes and H-statements: see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact: In case of eye contact, immediately rinse with clean water for 10-15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact: May cause an allergic skin reaction.

Symptoms/effects after eye contact: Causes eye irritation.

Symptoms/effects after ingestion: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

4.3. Immediate medical attention and special treatment, if necessary
Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media
Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: None known.

5.2. Specific hazards arising from the chemical

Fire hazard: On combustion, forms: carbon oxides (CO and CO2).

Explosion hazard: No direct explosion hazard.

Reactivity: Stable under normal conditions of use.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Avoid contact with spilled material.

6.1.1. For non-emergency personnel

Protective equipment: Wear personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency respondents

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.
INCA Putty Pad
Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

6.2. Environmental precautions
Prevent entry to sewers and public waters. Do not allow uncontrolled discharge of product into the environment.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Shovel or sweep up and put in a closed container for disposal. Collect spillage. Store away from other materials.

6.4. Reference to other sections
For further information refer to section 8: “Exposure controls/personal protection”. For disposal of residues refer to section 13: “Disposal considerations”.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Use only outdoors or in a well-ventilated area. Avoid contact with eyes.
Hygiene measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Keep only in the original container in a cool well ventilated place.
Incompatible materials: Keep away from strong acids, strong bases and oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Phenol-formaldehyde polymer (9003-35-4) | Not applicable |
| Ammonium polyphosphate (68333-79-9) | Not applicable |

8.2. Appropriate engineering controls
Appropriate engineering controls: Ensure adequate ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.3. Individual protection measures/Personal protective equipment

**Hand protection:**
Impermeable protective gloves

**Eye protection:**
Chemical goggles or safety glasses

**Respiratory protection:**
Not necessary under the recommended storage and handling conditions

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Physical state | Solid |
| Appearance | Putty. |
| Color | Black |
| Odor | Characteristic |
| Odor threshold | No data available |
| pH | Not available |
| Melting point | Not available |
| Freezing point | No data available |
| Boiling point | Not available |
| Flash point | No data available |
| Relative evaporation rate (butyl acetate=1) | No data available |
INCA Putty Pad
Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability (solid, gas)</td>
<td>Non flammable.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.4 ± 0.1</td>
</tr>
<tr>
<td>Solubility</td>
<td>insoluble in water.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable under normal conditions of use.

10.2. Chemical stability
Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials
Keep away from strong acids, strong bases and oxidizing agents.

10.6. Hazardous decomposition products
No hazardous decomposition products known at room temperature. On combustion, forms: carbon oxides (CO and CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (oral)</td>
<td>Oral: Harmful if swallowed.</td>
</tr>
<tr>
<td>Acute toxicity (dermal)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Acute toxicity (inhalation)</td>
<td>Not classified</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>1744 mg/kg body weight</td>
</tr>
</tbody>
</table>

Phenol-formaldehyde polymer (9003-35-4)

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 5 g/kg</td>
</tr>
</tbody>
</table>

Ammonium polyphosphate (68333-79-9)

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>300 - 2000 mg/kg</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Not classified (Based on available data, the classification criteria are not met)

Serious eye damage/irritation: Causes eye irritation.

Respiratory or skin sensitization: May cause an allergic skin reaction.

Germ cell mutagenicity: Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity: Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity: Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity – single exposure: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity – repeated exposure: Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard: Not classified (Based on available data, the classification criteria are not met)

Viscosity, kinematic: No data available

Likely routes of exposure: Inhalation. Ingestion. Eyes. Skin.

Symptoms/effects after skin contact: May cause an allergic skin reaction.

Symptoms/effects after eye contact: Causes eye irritation.

Symptoms/effects after ingestion: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general: This material has not been tested for environmental effects.

<table>
<thead>
<tr>
<th>Ammonium polyphosphate (68333-79-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
</tr>
<tr>
<td>LC50 fish 2</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials: Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated
SECTION 15: Regulatory information

15.1. US Federal regulations

| Phenol-formaldehyde polymer (9003-35-4) | Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| EPA TSCA Regulatory Flag | XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711). |

| Ammonium polyphosphate (68333-79-9) | Listed on the United States TSCA (Toxic Substances Control Act) inventory |

15.2. International regulations

CANADA

| Phenol-formaldehyde polymer (9003-35-4) | Listed on the Canadian DSL (Domestic Substances List) |
| Ammonium polyphosphate (68333-79-9) | Listed on the Canadian DSL (Domestic Substances List) |

EU-Regulations

| Phenol-formaldehyde polymer (9003-35-4) | Listed on the EU NLP (No Longer Polymers) inventory |
| Ammonium polyphosphate (68333-79-9) | Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |

National regulations

| Phenol-formaldehyde polymer (9003-35-4) | Listed on the AICS (Australian Inventory of Chemical Substances) |
| Listed on IECS (Inventory of Existing Chemical Substances Produced or Imported in China) |
| Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory |
| Listed on the Japanese ISHL (Industrial Safety and Health Law) |
| Listed on the Korean ECL (Existing Chemicals List) |
| Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) |
| Listed on INSQ (Mexican National Inventory of Chemical Substances) |
| Listed on CICR (Turkish Inventory and Control of Chemicals) |
| Listed on the TCSI (Taiwan Chemical Substance Inventory) |

| Ammonium polyphosphate (68333-79-9) | Listed on the AICS (Australian Inventory of Chemical Substances) |
| Listed on IECS (Inventory of Existing Chemical Substances Produced or Imported in China) |
| Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory |
| Listed on the Japanese ISHL (Industrial Safety and Health Law) |
| Listed on the Korean ECL (Existing Chemicals List) |
| Listed on NZIoC (New Zealand Inventory of Chemicals) |
| Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) |
| Listed on CICR (Turkish Inventory and Control of Chemicals) |
| Listed on the TCSI (Taiwan Chemical Substance Inventory) |

15.3. US State regulations

No additional information available

SECTION 16: Other information

Revision date : 08 August 2018
Other information : None.
Full text of H-phrases:

<table>
<thead>
<tr>
<th>H302</th>
<th>Harmful if swallowed</th>
</tr>
</thead>
<tbody>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H320</td>
<td>Causes eye irritation</td>
</tr>
</tbody>
</table>

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.