SECTION 1: COMPANY INFORMATION

APPLIED Products, Inc.                                     Preparation Date: February 23, 2017
6035 Baker Road                                               CHEMTREC (800) 424-9300
Minnetonka, MN 55345                                         Emergency Contact Number: CHEMTREC (800) 424-9300
Phone: 800.365.2480

PRODUCT INFORMATION

Product Name:    PA3778

SECTION 2: OCCUPATIONAL HEALTH AND SAFETY COMPONENTS

GHS Ratings
GHS Hazards: H335 May cause respiratory irritation.
GHS Precautions: P103 Read label before use.
                P281 Use personal protective equipment as required.
                P302+P334 IF ON SKIN: Immers in cool water/wrap in wet bandages.
                P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
                P308+P313 IF exposed or concerned: Get medical advice/attention.
                P332+P313 If skin irritation occurs: Get medical advice/attention.

Signal Word:
Acute Toxicity: None
Conditions Aggravated: Hot fumes may cause eye, skin or respiratory irritations
Chronic Effects: None known.

SECTION 3: HAZARD IDENTIFICATION

Unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous Materials Information System ingredient disclosure list. See Section 8 for exposure limit guidelines.

SECTION 4: FIRST AID MEASURES

Inhalation: Not likely. Move victim to fresh air if needed.

Eye Contact: For material in supplied state - immediately flush eyes with plenty of water for at least 15 minutes- occasionally lift eyelids. Call a physician if irritation persists.

Skin Contact: For contact with material as supplied - wash with soap and water. For molten adhesive - immediately immerse in or flush with large amounts of cold water to dissipate heat. Cover with clean cotton and get prompt medical attention.

Ingestion: Not likely in normal use. If swallowed, do not induce vomiting. Give 2 glasses of water (16oz.) and contact a physician.

Notes to Physician: Product in original form should pose no hazard. Material is heated to apply. Molten material may cause burns.
SECTION 5: FIRE FIGHTING MEASURES

Flash Point: Not determined  
LEL:  
UEL:  

Flammable Limits: Not established

Extinguishing Media: Water spray of fog, CO2, or dry chemical. Use care not to splash adhesive.

Unusual Fire and Explosion Hazards: Material will burn in a fire.

Hazardous Combustion Products: None hazardous. Carbon dioxide, carbon monoxide and various hydrocarbons.

Firefighting: Wear self-contained breathing apparatus.


SECTION 6: ACCIDENTAL RELEASE MEASURES

Spillage: Ensure that all clean-up personnel wear all appropriate protective equipment. Do not allow material to get into sewer or waterway. Material in pellet form can present a slip hazard.

Small Spills: Sweep or vacuum materials. Dispose in trash. Material in pellet form can present a slip hazard.

Large Spills: Sweep or vacuum materials. Dispose of as non-hazardous waste. Material in pellet form can present a slip hazard.

SECTION 7: HANDLING AND STORAGE

Handling: Routine housekeeping should be in place to assure that material does not accumulate on surfaces. Clean up small spills.

Storage Requirements: Normal storage temperatures in a dry warehouse.

Regulatory Requirements: During melt processing air removal or air flow may be necessary.

SECTION 8: EXPOSURE CONTROLS/PERSOINAL PROTECTION

<table>
<thead>
<tr>
<th>Chemical Name / CAS No.</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

Engineering Controls: Ventilation should be sufficient to control airborne levels/fumes.

Ventilation: Use in a properly ventilated area.

Administrative Controls: Use good personal hygiene when handing this product. Wash hands after use, before smoking, eating, or using the toilet.

Protective Gear: Wear safety glasses near extrusion and fill points. Wear heat resistant gloves when working near molten material.

Contaminated Gear: Use care if molten material is on gear. Do not try to remove until it has cooled.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Properties are supplied for safety, health and environmental considerations and may not fully represent product specifications.

pH: Not applicable  
Specific Gravity: 0.98

Ring & Ball Softening Point: 244°F - 252°F  
Freezing point: Not applicable

Solubility: Insoluble in water  
Boiling range: Not determined

Flash point: Not determined  
Evaporation rate: Not determined

Flammability: Not determined  
Explosive Limits: Not determined

Partition coefficient (n-octanol/water):  
Autoignition temperature: Not determined  
Decomposition temperature: Not determined
Grams VOC less water: Not determined
Odor: Resinous
Odor threshold: Not determined
Appearance: Yellow to amber solid
Vapor Pressure: Not determined
Vapor Density: Heavier than air

SECTION 10: STABILITY AND REACTIVITY
Stability: Stable
Incompatible Materials:
Hazardous Decomposition Products: Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION
Mixture Toxicity
Component Toxicity
Toxicity: Information appears only if there are issues that need to be considered.
Routes of Entry: Material in furnished state does not pose any hazards.
Target Organs: Exposure to this material may affect the following organs:
Skin: Contact with molten material can cause burns.
Eyes: Vapors from molten product might cause eye irritation.
Respiratory System: Vapors from molten product might cause nose irritation.
Effects of Overexposure
Carcinogenicity: None

SECTION 12: ECOLOGICAL INFORMATION
Ecological: Any information available follows.

SECTION 13: DISPOSAL CONSIDERATIONS
Disposal: Reclaim if feasible. If disposal is required, dispose of waste material in sanitary landfill or incinerate in an industrial, commercial or municipal incinerator.

SECTION 14: TRANSPORTATION INFORMATION
Transportation Instructions:

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper shipping name</th>
<th>UN number</th>
<th>Packing group</th>
<th>Hazard class</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT:</td>
<td>Not Regulated</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IATA:</td>
<td>Not Regulated</td>
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</table>

SECTION 15: REGULATORY INFORMATION
The following information is provided based upon the best information at our disposal.

<table>
<thead>
<tr>
<th>Country</th>
<th>Regulation</th>
<th>All Components Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Toxic Substances Control Act</td>
<td>Yes</td>
</tr>
</tbody>
</table>

SECTION 16: ADDITIONAL INFORMATION

HMIS® Hazard Ratings

Health: 1 Flammability: 1 Reactivity: 0 Personal Protection: B

HMIS & NFPA Hazard Rating Legend
* = Chronic Health Hazard 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME

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