1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: INSTANT ADHESIVE
Product Code: 4830
Recommended use: Contact adhesive
Chemical nature: Cyanoacrylate

Information on Manufacturer
Partsmaster, Div of NCH Corp.
P.O. Box 655326
Dallas, TX 75265-5326

2. HAZARD IDENTIFICATION

Color: Clear - Straw
Physical State: Liquid
Odor: Strong

GHS Classification
Physical Hazards: Flammable liquids - Category 4
Health Hazard:
- Skin Corrosion/Irritation - Category 2
- Serious Eye Damage/Eye Irritation - Category 2
- Specific target organ systemic toxicity (single exposure) - Category 3
- Specific target organ systemic toxicity (repeated exposure) - Category 2

Other hazards: None

Labeling
Signal Word: WARNING

Hazard Statements
- H227 - Combustible liquid
- H315 - Causes skin irritation
- H320 - Causes eye irritation
- H335 - May cause drowsiness or dizziness
- H336 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements
- P210 - Keep away from heat, sparks, open flames or hot surfaces.
- P280 - Wear protective gloves, protective clothing and eye protection.
- P264 - Wash face, hands and any exposed skin thoroughly after handling.
- P260 - Do not breathe mist or vapor.
- P271 - Use in a well-ventilated area.
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water
- P332+P313 - IF SKIN IRRITATION PERSIST, GET MEDICAL ATTENTION.
- P337+P313 - IF EYES IRRITATED, CONTINUE WITH RINSE.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 - If eye irritation persists, get medical attention.
- P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
- P312 - Call a physician if unwell.
- P403+P235 - Store in a well-ventilated place. Keep cool
- P233 - Keep container tightly closed.
- P501 - Dispose of contents and container in accordance with applicable regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl cyanoacrylate</td>
<td>7085-85-0</td>
<td>60-100</td>
</tr>
<tr>
<td>Poly (methyl methacrylate)</td>
<td>9011-14-7</td>
<td>10-30</td>
</tr>
<tr>
<td>Hydroquinone</td>
<td>123-31-9</td>
<td>0.1-1</td>
</tr>
</tbody>
</table>
**4. FIRST AID MEASURES**

**General advice**
Do not get in eyes, on skin or on clothing. Avoid breathing vapors or mists.

**Eye Contact**
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Eyelid bonding: see a doctor. Do not force apart. Get medical attention immediately.

**Skin Contact**
Wash off with warm water and soap. Do not peel solidified product off the skin. Get medical attention immediately.

**Inhalation**
Move to fresh air. In case of shortness of breath, give oxygen. If breathing has stopped, apply artificial respiration. Get medical attention immediately.

**Ingestion**
If swallowed. Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately.

**Notes to physician**

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**5. FIRE-FIGHTING MEASURES**

**Flash Point**
185 °F / 85 °C

**Method**
Tag closed cup

**Flammability Limits in Air %**
Upper No data available, Lower No data available

**Suitable Extinguishing Media**
Water spray. Dry powder. Foam. Carbon dioxide (CO2). Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific hazards arising from the chemical**
Combustible Liquid. Material can create slippery conditions.

**Protective Equipment and Precautions for Firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions**
Use personal protective equipment. Prevent further leakage or spillage if safe to do so.

**Environmental Precautions**
Do not flush into surface water or sanitary sewer system.

**Methods for Containment**
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

**Methods for Cleaning Up**
Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.

**Neutralizing Agent**
Not applicable.

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**7. HANDLING AND STORAGE**

**Handling**
Do not get in eyes, on skin or on clothing. Avoid breathing vapors or mists.

**Storage**
Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

**Storage Temperature**
Minimum 41 °F / 5 °C, Maximum 77 °F / 25 °C

**Storage Conditions**
Indoor X, Outdoor, Heated, Refrigerated

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl cyanoacrylate</td>
<td>TWA: 0.2 ppm</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Poly (methyl methacrylate)</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Hydroquinone</td>
<td>TWA: 1 mg/m³</td>
<td>TWA: 2 mg/m³</td>
<td>IDLH: 50 mg/m³, Ceiling: 2 mg/m³</td>
</tr>
</tbody>
</table>

**Engineering Measures**
Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

**Personal Protective Equipment**

**Eye/Face Protection**
Safety glasses with side-shields.

**Skin Protection**
Wear suitable protective clothing, Impervious gloves.

**Respiratory Protection**
In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**General Hygiene Considerations**
Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**
Physical State: Liquid
Color: Clear - Straw
Odor Threshold: Not applicable
pH: Not applicable
Evaporation Rate: No data available
VOC Content (%): < 1
Vapor Pressure: 1 mmHg @ 68°F
Melting Point/Range: No data available
Boiling Point/Range: 365 °F / 185 °C
Flash Point: 185 °F / 85 °C
Autoignition Temperature: No information available.
Flammability Limits in Air %: No data available.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.
Conditions to Avoid: Protect from water, Protect from moisture.
Incompatible Products: Water, Amines, Alcohols, Bases.
Hazardous Decomposition Products: Carbon oxides
Possibility of Hazardous Reactions: Violent polymerization may be caused by, Water, Alcohols, Amines, Bases.

11. TOXICOLOGICAL INFORMATION

Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):
Oral LD50: 5,063.98
Dermal LD50: No information available
Inhalation LC50:
Gas: No information available
Mist: No information available
Vapor: No information available

Principle Route of Exposure: Eye contact, Skin contact, Inhalation.
Primary Routes of Entry: Skin Absorption
Acute Effects
Skin: Causes skin irritation. Bonds skin instantly. May cause allergic skin reaction.
Inhalation: Causes respiratory tract irritation. Inhalation may cause central nervous system effects. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Polymerization can occur.

Chronic Toxicity: Liver and kidney injuries may occur.
Target Organ Effects: Skin, Eyes, Central nervous system, Respiratory system, Liver, Immune system.
Aggravated Medical Conditions: Skin disorders, Respiratory disorders.

Component Information

Acute Toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
<th>Draize Test</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl cyanoacrylate</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Poly (methyl methacrylate)</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Hydroquinone</td>
<td>&gt; 320 mg/kg ( Rat )</td>
<td>&gt; 900 mg/kg ( Rat )</td>
<td>no data available</td>
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<td>no data available</td>
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</table>

Chronic Toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>Mutagenicity</th>
<th>Sensitization</th>
<th>Developmental Toxicity</th>
<th>Reproductive Toxicity</th>
<th>Target Organ Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl cyanoacrylate</td>
<td>no data available</td>
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<td>no data available</td>
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<td>Bone marrow</td>
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<td>Poly (methyl methacrylate)</td>
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<td>no data available</td>
</tr>
<tr>
<td>Hydroquinone</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>eyes, liver, bone marrow, CNS, respiratory system, skin</td>
</tr>
</tbody>
</table>

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl cyanoacrylate</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>Poly (methyl methacrylate)</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>Hydroquinone</td>
<td>A3</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
</tbody>
</table>
### 12. ECOLOGICAL INFORMATION

#### Product Information

No information available.

#### Component Information

<table>
<thead>
<tr>
<th>Component</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Microtox</th>
<th>Water Flea</th>
<th>log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl cyanoacrylate</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>N/A</td>
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<tr>
<td>Poly (methyl methacrylate)</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>N/A</td>
</tr>
<tr>
<td>Hydroquinone</td>
<td>EC50 = 13.5 mg/L</td>
<td>LC50 = 0.044 mg/L</td>
<td>EC50 = 0.038 mg/L</td>
<td>EC50 = 0.29 mg/L</td>
<td>0.5</td>
</tr>
</tbody>
</table>

Desmodesmus subspicatus 120 h

Oncorhynchus mykiss 96 h

Pimephales promelas 96 h

Pseudokirchneriella subcapitata 72 h

LC50 = 0.1 - 0.18 mg/L Pimephales promelas 96 h

LC50 = 0.17 mg/L Brachydanio rerio 96 h

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

### 13. DISPOSAL CONSIDERATIONS

#### Product Disposal

Dispose of in accordance with local regulations.

#### Container Disposal

Empty containers should be taken for local recycling, recovery, or waste disposal.

### 14. TRANSPORT INFORMATION

#### DOT

Not regulated

#### TDG

Not regulated

#### ICAO

Not regulated

#### IATA

Not regulated

#### IMDG/IMO

Not regulated

### 15. REGULATORY INFORMATION

#### Inventories

- **TSCA**: Complies
- **DSL**: Complies
- **U.S. Federal Regulations**: 

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>SARA 313 - Threshold Values</th>
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<tbody>
<tr>
<td>Hydroquinone</td>
<td>123-31-9</td>
<td>0.1-1</td>
<td>1.0</td>
</tr>
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</table>

#### SARA 311/312 Hazardous Categorization

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>Yes</th>
<th>Yes</th>
<th>No</th>
<th>Yes</th>
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</thead>
<tbody>
<tr>
<td><strong>Acute Health Hazard</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Chronic Health Hazard</strong></td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fire Hazard</strong></td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sudden Release of Pressure Hazard</strong></td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Reactive Hazard</strong></td>
<td>Yes</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

#### CERCLA

<table>
<thead>
<tr>
<th>Component</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA EHS RQs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl cyanoacrylate</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Poly (methyl methacrylate)</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Hydroquinone</td>
<td>100 lb</td>
<td>500 lb lower TPQ, 1000 lb upper TPQ</td>
</tr>
</tbody>
</table>

#### U.S. State Regulations

**California Proposition 65**: This product does not contain any Proposition 65 chemicals.
16. OTHER INFORMATION

Prepared By: Devon Kebodeaux
Supercedes Date: 07/03/2012
Issuing Date: 11/04/2013
Reason for Revision: No information available.
Glossary: No information available.
List of References: No information available.

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