SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Fiber Clear #1
DATE PREPARED: June 28, 2013
GENERAL USE: Fingernail overlay resin
SUPPLERSES: January 1, 2009
PRODUCT DESCRIPTION: Polyurethane acrylate prepolymer resin blend
TELEPHONE NUMBER: +1 541 526 5570
EMERGENCY TELEPHONE NUMBER: +1 541 285 1283

MANUFACTURER'S NAME
McConnell Labs, Inc.

ADDRESS
406 SW Umatilla Ave
Redmond, OR 97756

(ADDRESS)
COUNTRY
USA

SECTION 2 - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>% (by weight)</th>
<th>CAS#</th>
<th>EINECS #</th>
<th>Hazard Symbol</th>
<th>RISK PHRASES (Full Text Section 16)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyurethane acrylate prepolymer resin</td>
<td>52-70</td>
<td>N/A</td>
<td>N/A</td>
<td>Xi</td>
<td>R-36/38</td>
</tr>
<tr>
<td>Polyurethane methacrylate prepolymer resin</td>
<td>25-35</td>
<td>N/A</td>
<td>N/A</td>
<td>Xi</td>
<td>R-36/38</td>
</tr>
<tr>
<td>Tripropylene glycol diacrylate</td>
<td>0-5</td>
<td>42978-66-5</td>
<td>256-032-2</td>
<td>Xi</td>
<td>R-36/38</td>
</tr>
<tr>
<td>1-hydroxy cyclohexyl phenylketone</td>
<td>1-2</td>
<td>947-19-3</td>
<td>213-426-9</td>
<td>none</td>
<td>none</td>
</tr>
<tr>
<td>Benzophenone</td>
<td>1-2</td>
<td>119-61-9</td>
<td>204-337-6</td>
<td>none</td>
<td>none</td>
</tr>
<tr>
<td>Silica</td>
<td>1-3</td>
<td>11294552-5</td>
<td>231-545-4</td>
<td>none</td>
<td>none</td>
</tr>
</tbody>
</table>

(c) Indicates an employee's skin exposure shall be prevented or reduced to the extent necessary in the circumstances through the use of gloves or other appropriate equipment.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Clear or pigmented liquid. Will support combustion. May cause complications if swallowed. Known allergen upon over exposure in some cases. Avoid skin contact. Inhalation of mist or liquid can cause respiratory irritation. Hazard symbols for the product - see section XV below Risk Phrases - see section XV below

POTENTIAL HEALTH EFFECTS

INHALATION: No significant adverse health effects are expected to occur upon short-term exposure. Prolonged exposure to mists may cause an allergic reaction. Mists are defined as liquids that are in vaporous form. This would not be how the material is designed to be used or applied.

SKIN: No allergic reaction is expected to occur upon short term exposure. Individuals who are known to have allergies to acrylics, acrylic acids, carboxylic acids, epoxy resins or other UV cured products should avoid skin contact.

EYES: No adverse effects are known for this product upon short-term exposure to the eyes. It is best to avoid contact with the eye region and surrounding skin.

INGESTION: Non-toxic material. May cause gastric distress, but this is highly unlikely. Do not induced vomiting if ingested. If vomiting occurs, avoid aspiration of vomitus into the lungs.

CARCINOGENICITY:
NTP? NO | IARC MONOGRAPHS? NO | OSHA REGULATED? NO
Known to not be a carcinogen.

SECTION 4 - FIRST AID MEASURES

INHALATION: In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention. There has never been any incidence of any inhalation incident known to the manufacturer.

All information contained herein is accurate to the best of the knowledge at McConnell Labs, Inc.
SKIN: Remove contaminated clothing and wash contact area with soap and water for 15 minutes. Particular attention should be paid to hair, nose, ears and other areas not easily cleaned. See section 8. Note to physician: effects can be delayed 24-48 hours.

EYES: Flush with plenty of water for at least 15 minutes and seek medical attention.

INGESTION: If appreciable quantities are swallowed, seek medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS: Product will support combustion. Products of combustion will include compounds of carbon, nitrogen and oxygen including carbon monoxide.

EXTINGUISHING MEDIA: Carbon dioxide, water fog, dry chemical and chemical foam.

FIRE FIGHTING PROCEDURES: Firefighters must wear a full-face self-contained breathing apparatus in positive pressure mode. Do not use solid stream of water since stream will cause fire to scatter and spread fire. Fine water spray can be used to keep fire-exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers can explode due to build-up of pressure due to extreme heat.

HAZARDOUS COMBUSTION PRODUCTS: Smoke, fumes, oxides of carbon, nitrogen containing compounds.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: WILL SUPPORT COMBUSTION. Do not wash to sanitary sewer. All spills can be polymerized into a plastic with the use of UV light source: sunlight, UV light lamp. If no light source is readily available, use a trowel or shovel to gather the material into a container, transport to a UV light source and polymerize. Polymerized material can be disposed of in accordance with local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use. Protect containers from abuse. Do not expose containers to UV light (including sunlight), peroxides or other free-radical reaction initiators. Do not expose material to temperatures in excess of 60°C. Do not expose to open flame. This material will support combustion. Keep this material and all chemicals out of the reach of children. Avoid prolonged contact with skin, mucous membranes, eyes, open wounds.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use. Protect containers from abuse. Do not expose containers to UV light (including sunlight), peroxides or other free-radical reaction initiators. Do not expose material to temperatures in excess of 60°C. Do not expose to open flame. This material will support combustion. Keep this material and all chemicals out of the reach of children. Avoid prolonged contact with skin, mucous membranes, eyes, open wounds.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS:  

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENTS</th>
<th>NIOSH</th>
<th>ACGIH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TWA ppm</td>
<td>TWA mg/m3</td>
</tr>
<tr>
<td>Polyurethane acrylate prepolymer</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>tripropylene glycol diacrylate</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>1-hydroxy cyclohexyl phenyl ketone</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>benzophenone</td>
<td>n/a</td>
<td>n/a</td>
</tr>
</tbody>
</table>

PERSONAL PROTECTION:

REPIRATORY PROTECTION (SPECIFY TYPE): None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 28 CFR 1910.134 or European Standard EN 149 for complete regulations.

PROTECTIVE GLOVES: Nitrile, neoprene, or latex. For large quantities, long neoprene glove are required with cuffs.

EYE PROTECTION: Safety glasses or splash goggles. For large exposure situations, a full-face splash shield is required.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyewash station.

WORK / HYGENIC PRACTICES: Always practice safe workplace habits. Minimize body contact with this as well as all chemicals in general.

All information contained herein is accurate to the best of the knowledge at McConnell Labs, Inc.
## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance and Odor</td>
<td>Clear or pigmented liquid</td>
</tr>
<tr>
<td>pH</td>
<td>not applicable</td>
</tr>
<tr>
<td>Boiling Point / Boiling Range</td>
<td>not applicable</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;212 F / 100 C</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>not applicable</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>not applicable</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>not applicable</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>not applicable</td>
</tr>
<tr>
<td>Specific Gravity (Water = 1)</td>
<td>1.1</td>
</tr>
<tr>
<td>Viscosity</td>
<td>not soluble</td>
</tr>
<tr>
<td>Vapour Density (Air = 1)</td>
<td>30,000 cps</td>
</tr>
<tr>
<td>Evaporation Rate (Water = 1)</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

## SECTION 10 - STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Condition</th>
<th>UNSTABLE</th>
<th>Conditions to Avoid</th>
<th>Hazard Identification Number (HIN)</th>
<th>Reference</th>
<th>IATA Class / Packing Group</th>
<th>IMDG HAZARD CLASS</th>
<th>RID / ADR Dangerous Goods Code</th>
<th>UN/NA ID Number</th>
<th>UN TDG Class / Pack Group</th>
<th>Hazard Identification Number (HIN)</th>
<th>RID / ADR Dangerous Goods Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>STABLE</td>
<td>Temperatures over 60 °C, open flame, UV light (including sunlight)</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
<td>Not Applicable</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>Incompatibility (Materials to Avoid)</td>
<td>Strong oxidizers, peroxides, UV light sources, sunlight, temperatures over 60 °C and loss of inhibitor.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>MAY OCCUR</td>
<td>Conditions to Avoid: Temperatures over 60 °C, open flame, UV light (including sunlight)</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
<td>Not Applicable</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
</tr>
</tbody>
</table>

## SECTION 11 - TOXICOLOGICAL INFORMATION

### HAZARDOUS COMPONENTS

<table>
<thead>
<tr>
<th>EINECS #</th>
<th>CAS #</th>
<th>LD50 of Ingredient (Specify Species and Route)</th>
<th>LC50 of Ingredient (Specify Species)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>&gt;2000 skin/rat</td>
<td>n/a</td>
</tr>
<tr>
<td>42978-66-5</td>
<td>256-032-2</td>
<td>&gt;2000 skin/rat</td>
<td>n/a</td>
</tr>
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<td>204-337-6</td>
<td>42978-66-5</td>
<td>&gt;2000 skin/rat</td>
<td>n/a</td>
</tr>
</tbody>
</table>

## SECTION 12 - ECOLOGICAL INFORMATION

- **Biologic Degradation**: Biodegradation: n.a
- **Behavior in Environmental Compartments**: Distribution: log p(o/w): n.a. no bioaccumulation to be expected
- **Ecotoxic Effects**: 
  - Biological effects: 
  - Fish toxicity: L. macrochirus LC50: n.a
  - Daphnia toxicity: Daphnia magna EC50:n.a
- **Maximum permissible toxic concentrations**: 
  - Algal toxicity: Sc. Quadricauda IC5: n.a
  - Bacterial toxicity: M. aeruginosa EC5: n.a
  - Protozoa: E. sulcatum ECS: n.a
  - Further ecological data: 
    - Degradability: 
    - BOD5: n.a
    - COD: n.a
    - TOD: n.a

## SECTION 13 - DISPOSAL CONSIDERATIONS

- **Product**: Chemicals must be disposed of in compliance with federal, state and local regulations.
- **Container**: Container must be disposed of in accordance with federal, state and local regulations.
- **All liquid material should be exposed to UV light or any other free-radical reaction initiator**

## SECTION 14 - TRANSPORT INFORMATION

- **Proper Shipping Name**: Polyurethane prepolymer resin
- **DOT Hazard Class / Packing Group**: Not Regulated
- **Reference**: Not Applicable
- **UN/NA ID Number**: None
- **Label**: None
- **HAZARD SYMBOLS**: None

All information contained herein is accurate to the best of the knowledge at McConnell Labs, Inc.
SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act)

SARA TITLE III (USA - Superfund Amedments and Reauthorization Act)

311 / 312 Hazard Categories: None
313 Reportable Ingredients: None

CERCLA (USA - Comprehensive Response and Liability Act) : None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There is nothing known to the State of California to cause cancer or reproductive toxicity.

CFR (Canadian Controlled Products Regulations):

IDL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as “hazardous” are listed in Section 2 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

WGK Water Index: 1
VbK Index: AIII

RISK PHRASES:

R-36/38 Irritating to eyes and skin

EU DIRECTIVES:


SECTION 16 - OTHER INFORMATION

EXPLANATIONS TO R-PHRASES IN SECTION 2:

R-36/38 Irritating to eyes and skin.
R-24 Toxic in contact with skin.
R-43 May cause sensitization by skin contact.