1. PRODUCT AND COMPANY IDENTIFICATION

Formula Code LIQUID TAPE
Recommended use Electrical wire Insulation
Information on Manufacturer
Partsmaster, Div of NCH Corp.
P.O. Box 655326
Dallas, TX 75265-5326

Product Code 67024820
Chemical nature Mixture
Emergency Telephone
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Black
Physical state Liquid
Odor Characteristic

GHS Classification
Physical Hazards
Flammable liquids Category 2

Health Hazard
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2A
Specific target organ systemic toxicity (single exposure) Category 3

Other hazards
None

Labeling
Signal Word DANGER

Hazard statements
H225 - Highly flammable liquid and vapor
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H335 - May cause respiratory irritation

Precautionary Statements
P210 - Keep away from heat, sparks, open flames or hot surfaces.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical, ventilating and lighting equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P261 - Avoid breathing vapor, mist or spray
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P280 - Wear protective gloves, protective clothing and eye protection.
P271 - Use in a well-ventilated area.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P332 + P313 - IF SKIN IRRITATION occurs, get medical attention.
P362 - Take off contaminated clothing and wash before reuse.
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 comfortable for breathing
P312 - Call a physician if unwell.
P403 + P235 - Store in a well-ventilated place. Keep cool
P501 - Dispose of contents and container in accordance with applicable local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylenes (o-, m-, p-isomers)</td>
<td>1330-20-7</td>
<td>30-60</td>
</tr>
</tbody>
</table>
### 4. FIRST AID MEASURES

**General advice**
Avoid breathing vapor, mist or spray. Avoid contact with skin, eyes and clothing.

**Eye Contact**
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

**Skin Contact**
Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If symptoms persist, call a physician.

**Inhalation**
If inhaled, remove to fresh air. Get medical attention if symptoms occur.

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

**Notes to physician**
Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Flash Point**
44.96 °F / 7 °C

**Method**
Seta closed cup

**Upper:** 12.8

**Lower:** 0.7

**Suitable Extinguishing Media**
Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific hazards arising from the chemical**
Flammable. Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Material can create slippery conditions.

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

**NFPA**
Health 2

**Flammability** 3

**Instability** 0

**HMIS**
Health 2

**Flammability** 3

**Instability** 0

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**
Remove all sources of ignition. Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

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

**Methods for Containment**
Remove all sources of ignition. 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**
Keep in suitable and closed containers for disposal.

**Neutralizing Agent**
Not applicable.

### 7. HANDLING AND STORAGE

**Handling**
Avoid breathing vapors, mist or gas. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Keep away from open flames, hot surfaces and sources of ignition.

**Storage**
Store in original container. Keep away from open flames, hot surfaces and sources of ignition. Keep containers tightly closed in a dry, cool and well-ventilated place.

**Storage Temperature**
Minimum No information available

**Maximum** No information available

**Storage Conditions**
Indoor X

**Outdoor**

**Heated**

**Refrigerated**

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylenes (o-, m-, p- isomers)</td>
<td>TWA: 100 ppm STEL: 150 ppm</td>
<td>TWA: 100 ppm STEL: 300 ppm</td>
<td></td>
</tr>
<tr>
<td>Methyl ethyl ketone</td>
<td>TWA: 200 ppm STEL: 300 ppm</td>
<td>TWA: 200 ppm STEL: 300 ppm</td>
<td></td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret*

*Carbon black has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) by inhalation.*

This product contains carbon black which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is not in a respirable form.
<table>
<thead>
<tr>
<th>Chemical Substance</th>
<th>STEL</th>
<th>TWA: 250 ppm</th>
<th>TWA: 1000 ppm</th>
<th>STEL 885 mg/m$^3$</th>
<th>TWA: 200 ppm</th>
<th>TWA: 2400 mg/m$^3$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td></td>
<td>TWA: 590 mg/m$^3$</td>
<td>TWA: 2400 ppm</td>
<td>TWA: 200 ppm</td>
<td>TWA: 590 mg/m$^3$</td>
<td></td>
</tr>
<tr>
<td>Talc, respirable dust</td>
<td>TWA: 2 mg/m$^3$ particulate matter containing no asbestos and &lt;$1%$ crystalline silica, respirable fraction</td>
<td>No data available</td>
<td>1000 mg/m$^3$</td>
<td>TWA: 2 mg/m$^3$ respirable dust</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbon Black</td>
<td>TWA: 3 mg/m$^3$ inhalable fraction</td>
<td>TWA: 3.5 mg/m$^3$</td>
<td>1750 mg/m$^3$</td>
<td>TWA: 3 mg/m$^3$</td>
<td>TWA: 0.1 mg/m$^3$</td>
<td></td>
</tr>
</tbody>
</table>

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

### Personal Protective Equipment

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

**Skin Protection**
Wear suitable protective clothing. Neoprene or nitrile rubber gloves should be worn.

**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. Use NIOSH approved respiratory protection.

### General Hygiene Considerations
Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when using this product.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not applicable</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>&gt;1 (ether = 1)</td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>12.6 kPa @ 20°C</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Melting Point/Range</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>179.6 °F / 82 °C</td>
</tr>
<tr>
<td>Flash Point</td>
<td>44.96 °F / 7 °C</td>
</tr>
<tr>
<td>Autoignition Temperature Upper</td>
<td>12.8</td>
</tr>
<tr>
<td>Lower</td>
<td>0.7</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.96</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Appearance</td>
<td>Textured black paste</td>
</tr>
<tr>
<td>Percent Volatile (Volume)</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Heavier than air</td>
</tr>
<tr>
<td>n-Octanol/Water Partition</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Method</td>
<td>Seta closed cup</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**Chemical Stability**
Stable. Hazardous polymerization does not occur.

**Conditions to Avoid**
Extremes of temperature and direct sunlight. Keep away from open flames, hot surfaces, and sources of ignition.

**Incompatible Products**
Amines, Strong acids, Strong bases, Strong oxidizing agents, Alkalis, Aldehydes, Ammonia, Reducing agents, Peroxides, Nitric acid.

**Decomposition Temperature**
No data available

**Hazardous Decomposition Products**
Carbon dioxide (CO2), Hydrogen chloride gas, Hydrocarbons.

**Possibility of Hazardous Reactions**
Hazardous polymerization does not occur.

### 11. TOXICOLOGICAL INFORMATION

**Product Information**
No information available.

**The following values are calculated based on chapter 3.1 of the GHS document**

<table>
<thead>
<tr>
<th>Route of Exposure</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD50</td>
<td>No information available</td>
</tr>
<tr>
<td>Dermal LD50</td>
<td>No information available</td>
</tr>
<tr>
<td>Inhalation LC50</td>
<td>Gas: No information available</td>
</tr>
<tr>
<td></td>
<td>Mist: No information available</td>
</tr>
<tr>
<td></td>
<td>Vapor: No information available</td>
</tr>
<tr>
<td>Principle Route of Exposure</td>
<td>Skin contact, Inhalation, Ingestion, Eye contact.</td>
</tr>
<tr>
<td>Primary Routes of Entry</td>
<td>Skin Absorption, Skin contact.</td>
</tr>
<tr>
<td>Acute Effects:</td>
<td>Eyes: Causes serious eye irritation.</td>
</tr>
</tbody>
</table>
Skin

Inhalation
Inhalation may cause central nervous system effects. 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.

Chronic Toxicity
Chronic inhalation of solvents like Xylene have caused heartbeat irregularity, heartbeat increase, and permanent central and peripheral nervous system damage, resulting in decreased learning ability, loss of memory, personality changes, and disturbances in gait. A condition known as "Painter’s Syndrome" can occur causing a loss of sensation in the arms and hands (peripheral neuropathy). Prolonged or repeated exposure may cause cardiac sensitization.

Target Organ Effects:
Central nervous system, Central Vascular System, Respiratory system, Blood-Forming Organs, Kidney, Liver, Eyes, Skin.
Neurological disorders, Central nervous system.

Aggravated Medical Conditions:

Component Information

Acute Toxicity

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
<th>Draize Test</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylenes (o-, m-, p- isomers) 1330-20-7</td>
<td>= 4300 mg/kg ( Rat )</td>
<td>&gt; 1700 mg/kg ( Rabbit )</td>
<td>= 29.08 mg/L ( Rat ) 4 h &gt; 5.04 mg/L ( Rat ) 4 h</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Methyl ethyl ketone 78-93-3</td>
<td>= 2483 mg/kg ( Rat )</td>
<td>= 5000 mg/kg ( Rabbit )</td>
<td>= 11700 ppm ( Rat ) 4 h</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Propanol, oxybis-, dibenzoate 27138-31-4</td>
<td>= 3914 mg/kg ( Rat )</td>
<td>no data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Acetone 67-64-1</td>
<td>no data available</td>
<td>no data available</td>
<td>= 50100 mg/m³ ( Rat ) 8 h</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Chronic Toxicity

<table>
<thead>
<tr>
<th>Chemical name</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>Methyl ethyl ketone 78-93-3</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>Skin; Central nervous system; Eyes; Respiratory system</td>
</tr>
<tr>
<td>Acetone 67-64-1</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>Skin; Central nervous system; Eyes; Respiratory system</td>
</tr>
<tr>
<td>Talc, respirable dust 14807-96-6</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>Eyes; Respiratory system</td>
</tr>
<tr>
<td>Carbon Black 1333-86-4</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>Eyes; Respiratory system</td>
</tr>
</tbody>
</table>

Carcinogenicity

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylenes (o-, m-, p- isomers) 1330-20-7</td>
<td>A4</td>
<td>Group 3</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Acetone 67-64-1</td>
<td>A4</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Talc, respirable dust 14807-96-6</td>
<td>Not applicable</td>
<td>Group 3</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Carbon Black 1333-86-4</td>
<td>A3</td>
<td>Group 2B</td>
<td>Not applicable</td>
<td>X</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

This product contains carbon black which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is not in a respirable form.

12. ECOLOGICAL INFORMATION

Product Information
No information available.

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Microtox</th>
<th>Crustacea</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylenes (o-, m-, p- isomers)</td>
<td>EC50 = 11 mg/L Pseudokirchneriella subcapitata 72 h</td>
<td>LC50 = 13.4 mg/L Pimephales promelas 96 h LC50 = 2.661 - 4.093 mg/L Oncorhynchus mykiss 96 h LC50 = 13.5 - 17.3 mg/L Oncorhynchus mykiss 96 h LC50 = 16.5 mg/L Lepomis macrochirius 96 h LC50 = 19 mg/L Lepomis macrochirius 96 h LC50 = 7.711 - 9.591 mg/L Lepomis macrochirius 96 h LC50 = 4300 mg/L Pimephales promelas 96 h LC50 = 20.49 mg/L Pimephales promelas 96 h LC50 = 780 mg/L Cyprinus carpio 96 h LC50 = 19 mg/L Lepomis macrochirius 96 h</td>
<td>EC50 = 0.0084 mg/L 24 h</td>
<td>EC50 = 0.0084 mg/L 24 h</td>
<td>3.15</td>
</tr>
<tr>
<td>Compound</td>
<td>LC50 30.26 - 40.75 mg/L Poecilia reticulata 96 h</td>
<td>EC50 = 3403 mg/L 30 min</td>
<td>EC50 = 3426 mg/L 5 min</td>
<td>50h: 48 h Daphnia magna mg/L EC50 5091: 48 h Daphnia magna mg/L EC50 4025 - 6440: 48 h Daphnia magna mg/L EC50 Static</td>
<td>Persistence and Degradability</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>-------------------------------------------------</td>
<td>-------------------------</td>
<td>------------------------</td>
<td>------------------------------------------------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>Methyl ethyl ketone</td>
<td>No information available</td>
<td></td>
<td></td>
<td>0.29</td>
<td>No information available</td>
</tr>
<tr>
<td>Acetone</td>
<td>No information available</td>
<td>LC50 4.74 - 6.33 mL/L Oncorhynchus mykiss 96 h LC50 6210 - 8120 mg/L Pimephales promelas 96 h LC50 = 6300 mg/L Lepomis macrochirus 96 h</td>
<td>EC50 = 14500 mg/L 15 min</td>
<td>10294 - 17704: 48 h Daphnia magna mg/L EC50 Static -0.24</td>
<td>No information available</td>
</tr>
<tr>
<td>Talc, respirable dust</td>
<td>No information available</td>
<td>LC50 &gt; 100 g/L Brachydanio rerio 96 h</td>
<td>No information available</td>
<td>No information available</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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**
- **Proper Shipping Name**: Flammable liquids, n.o.s.
- **Hazard Class**: 3
- **UN-No**: UN1993
- **Packing Group**: II
- **Description**: UN1993, Flammable liquids, n.o.s.(Acetone, Methyl ethyl ketone), 3 PG II

**TDG**
- **Proper shipping name**: Flammable liquid, n.o.s.
- **Hazard Class**: 3
- **UN-No**: UN1993
- **Packing Group**: II
- **Description**: UN1993, Flammable liquids, n.o.s.(Acetone, Methyl ethyl ketone), 3 PG II

**ICAO**
- **UN-No**: UN1993
- **Proper Shipping Name**: Flammable liquid, n.o.s.
- **Hazard Class**: 3
- **Packing Group**: II
- **Shipping Description**: UN1993, Flammable liquids, n.o.s.(Acetone, Methyl ethyl ketone), 3 PG II

**IATA**
- **UN-No**: UN1993
- **Proper Shipping Name**: Flammable liquid, n.o.s.
- **Hazard Class**: 3
- **Packing Group**: II
- **ERG-Code**: 3H
- **Shipping Description**: UN1993, Flammable liquids, n.o.s.(Acetone, Methyl ethyl ketone), 3 PG II

**IMDG/IMO**
- **UN proper shipping name**: Flammable liquid, n.o.s.
- **Hazard Class**: 3
- **UN Number**: UN1993
- **Packing Group**: II
- **EmS No**: F-E, S-E
- **Description**: UN1993, Flammable liquids, n.o.s.(Acetone, Methyl ethyl ketone), 3 PG II (16°C c.c.)

15. REGULATORY INFORMATION

Inventories
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>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>SARA 313 - Threshold Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylenes (o-, m-, p-isomers)</td>
<td>1330-20-7</td>
<td>10-30</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazardous Categorization
See Section 2

CERCLA

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA EHS RQs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylenes (o-, m-, p-isomers)</td>
<td>100 lb</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Methyl ethyl ketone</td>
<td>5000 lb</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Acetone</td>
<td>5000 lb</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

Prepared By Kim Franklin
Supersedes Date 03/31/2011
Issuing Date 07/02/2019
Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

Partsmaster, Div of NCH Corp. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.