SECTION 1: Identification

1.1. Product identifier
3M™ Bondo® Fiberglass Resin Liquid Hardener, 20126, 31626

Product Identification Numbers
60-4550-6834-0, 60-4550-8122-8, 70-0080-0319-9
7010327932

1.2. Recommended use and restrictions on use

Recommended use
Automotive, Curing Agent

1.3. Supplier’s details
MANUFACTURER: 3M
DIVISION: Automotive Aftermarket
ADDRESS: 3M Center, St. Paul, MN 55144-1000, USA
Telephone: 1-888-3M HELPS (1-888-364-3577)

1.4. Emergency telephone number
1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

The label elements below were prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200. This information may be different from the actual product label information for labels regulated by other agencies.

2.1. Hazard classification
Organic Peroxide: Type D.
Acute Toxicity (oral): Category 4.
Serious Eye Damage/Irritation: Category 1.
Skin Corrosion/Irritation: Category 1C.
Reproductive Toxicity: Category 2.

2.2. Label elements
Signal word
Danger
Symbols
Flame | Corrosion | Exclamation mark | Health Hazard |

Pictograms

Hazard Statements
Heating may cause a fire.
Harmful if swallowed.
Causes severe skin burns and eye damage.
Suspected of damaging fertility or the unborn child.

Precautionary Statements
General:
Keep out of reach of children.

Prevention:
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep away from clothing and other combustible materials.
Keep only in original container.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wear protective gloves, protective clothing, and eye/face protection.
Do not eat, drink or smoke when using this product.
Wash thoroughly after handling.

Response:
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.
Wash contaminated clothing before reuse.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Storage:
Protect from sunlight.
Store at temperatures not exceeding 25C/77F. Keep cool.
Store locked up.
Store away from other materials.

Disposal:
Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

2.3. Hazards not otherwise classified
May cause chemical gastrointestinal burns.
1% of the mixture consists of ingredients of unknown acute inhalation toxicity.
SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>% by Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl Phthalate</td>
<td>131-11-3</td>
<td>30 - 60</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>1338-23-4</td>
<td>15 - 40</td>
</tr>
<tr>
<td>Phlegmatizer</td>
<td>6846-50-0</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>78-93-3</td>
<td>&lt; 3</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>7722-84-1</td>
<td>&lt; 3</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&lt; 3</td>
</tr>
</tbody>
</table>

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:
Remove person to fresh air. If you feel unwell, get medical attention.

Skin Contact:
Immediately flush with large amounts of water for at least 15 minutes. Remove contaminated clothing. Get immediate medical attention. Wash clothing before reuse.

Eye Contact:
Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

If Swallowed:
Rinse mouth. Do not induce vomiting. Get immediate medical attention.

4.2. Most important symptoms and effects, both acute and delayed
See Section 11.1. Information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required
Not applicable

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media
In case of fire: Use a carbon dioxide or dry chemical extinguisher to extinguish.

5.2. Special hazards arising from the substance or mixture
Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products

<table>
<thead>
<tr>
<th>Substance</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon monoxide</td>
<td>During Combustion</td>
</tr>
<tr>
<td>Carbon dioxide</td>
<td>During Combustion</td>
</tr>
<tr>
<td>Irritant Vapors or Gases</td>
<td>During Combustion</td>
</tr>
</tbody>
</table>
5.3. Special protective actions for fire-fighters
Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions
Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up
Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (gloves, respirators, etc.) as required.

7.2. Conditions for safe storage including any incompatibilities
Protect from sunlight. Store at temperatures not exceeding 25C/77F. Keep cool. Keep only in original container. Store away from acids. Store away from oxidizing agents. Store away from other materials. Keep/store away from clothing and other combustible materials.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits
If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>Agency</th>
<th>Limit type</th>
<th>Additional Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl Phthalate</td>
<td>131-11-3</td>
<td>ACGIH</td>
<td>TWA:5 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Dimethyl Phthalate</td>
<td>131-11-3</td>
<td>OSHA</td>
<td>TWA:5 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>1338-23-4</td>
<td>ACGIH</td>
<td>CEIL:0.2 ppm</td>
<td></td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>7722-84-1</td>
<td>ACGIH</td>
<td>TWA:1 ppm</td>
<td>A3: Confirmed animal</td>
</tr>
</tbody>
</table>
8.2. Exposure controls

8.2.1. Engineering controls
Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection
Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:
- Full Face Shield
- Indirect Vented Goggles

Skin/hand protection
Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.
- Gloves made from the following material(s) are recommended: Butyl Rubber, Fluoroelastomer, Neoprene

Respiratory protection
An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:
- Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
### Appearance
<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
</tbody>
</table>

#### Odor
- Odor: Slight Odor
- Odor threshold: No Data Available

#### Odor
- Odor threshold: No Data Available
- pH: No Data Available
- Melting point: No Data Available
- Boiling Point: 244 ºF
- Flash Point: > 200 ºF [Test Method: Closed Cup] [Details: No flash to boiling point.]

### Evaporation rate
- Evaporation rate: No Data Available

### Flammability (solid, gas)
- Flammability: Not Applicable

### Flammable Limits (LEL)
- Flammable Limits: No Data Available

### Flammable Limits (UEL)
- Flammable Limits: No Data Available

### Vapor Pressure
- Vapor Pressure: No Data Available

### Vapor Density
- Vapor Density: > 1

### Specific Gravity
- Specific Gravity: 1.1 [Ref Std: WATER=1]

### Solubility in Water
- Solubility: Negligible

### Solubility - non-water
- Solubility - non-water: No Data Available

### Partition coefficient: n-octanol/water
- Partition coefficient: No Data Available

### Autoignition temperature
- Autoignition temperature: No Data Available

### Decomposition temperature
- Decomposition temperature: No Data Available

### Viscosity
- Viscosity: No Data Available

### Hazardous Air Pollutants
- Hazardous Air Pollutants: 43.1 % weight

#### Volatile Organic Compounds
- Volatile Organic Compounds: 39 g/l [Test Method: calculated SCAQMD rule 443.1]

#### Volatile Organic Compounds
- Volatile Organic Compounds: 3.5 % weight [Test Method: Tested per ASTM protocol]

### Percent volatile
- Percent volatile: 45.0 % weight

### VOC Less H2O & Exempt Solvents
- VOC Less H2O & Exempt Solvents: 39 g/l [Test Method: calculated SCAQMD rule 443.1]

## SECTION 10: Stability and reactivity

### 10.1. Reactivity
This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

### 10.2. Chemical stability
Stable.

### 10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

### 10.4. Conditions to avoid
- Light
- Sparks and/or flames
- Temperatures above the boiling point

### 10.5. Incompatible materials
- Strong oxidizing agents
- Alkali and alkaline earth metals
- Strong acids

### 10.6. Hazardous decomposition products
Substance | Condition
--- | ---
None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

**SECTION 11: Toxicological information**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

**Signs and Symptoms of Exposure**

Based on test data and/or information on the components, this material may produce the following health effects:

**Inhalation:**
May be harmful if inhaled.
- Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

**Skin Contact:**
Corrosive (Skin Burns): Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.

- May cause additional health effects (see below).

**Eye Contact:**
Corrosive (Eye Burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

**Ingestion:**
Harmful if swallowed. Gastrointestinal Corrosion: Signs/symptoms may include severe mouth, throat and abdominal pain; nausea; vomiting; and diarrhea; blood in the feces and/or vomitus may also be seen.

- May cause additional health effects (see below).

**Additional Health Effects:**

**Single exposure may cause target organ effects:**

- **Dermal Effects:** Signs/symptoms may include changes in skin pigmentation and/or coloration.

**Reproductive/Developmental Toxicity:**
Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

**Toxicological Data**
If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

**Acute Toxicity**

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall product</td>
<td>Dermal</td>
<td>No data available; calculated ATE &gt;5,000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Overall product</td>
<td>Inhalation-Vapor (4 hr)</td>
<td>No data available; calculated ATE20 - 50 mg/l</td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------------------</td>
<td>---------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Overall product</td>
<td>Ingestion</td>
<td>No data available; calculated ATE300 - 2,000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Dimethyl Phthalate</td>
<td>Inhalation-Dust/Mist (4 hours)</td>
<td>LC50 &gt; 15.1 mg/l</td>
<td></td>
</tr>
<tr>
<td>Dimethyl Phthalate</td>
<td>Dermal Rabbit</td>
<td>LD50 &gt; 11,940 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Dimethyl Phthalate</td>
<td>Ingestion Rat</td>
<td>LD50 6,800 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>Dermal Rabbit</td>
<td>LD50 4,000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>Ingestion Rat</td>
<td>LC50 15.4 mg/l</td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>Ingestion Rat</td>
<td>LD50 484 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Phlegmatizer</td>
<td>Dermal Guinea pig</td>
<td>LD50 &gt; 18,800 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Phlegmatizer</td>
<td>Inhalation-Dust/Mist (4 hours) Rat</td>
<td>LC50 &gt; 8 mg/l</td>
<td></td>
</tr>
<tr>
<td>Phlegmatizer</td>
<td>Ingestion Rat</td>
<td>LD50 &gt; 3,200 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Dermal Rabbit</td>
<td>LD50 &gt; 8,050 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Inhalation-Vapor (4 hours) Rat</td>
<td>LC50 34.5 mg/l</td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Ingestion Rat</td>
<td>LD50 2,737 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>Dermal Rabbit</td>
<td>LD50 &gt; 2,000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>Inhalation-Dust/Mist (4 hours) Rat</td>
<td>LC50 2 mg/l</td>
<td></td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>Ingestion Rat</td>
<td>LD50 1,193 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>Rabbit</td>
<td>Corrosive</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Rabbit</td>
<td>Minimal irritation</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>Rabbit</td>
<td>Corrosive</td>
</tr>
</tbody>
</table>

### Serious Eye Damage/Irritation

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>Human</td>
<td>Corrosive</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Rabbit</td>
<td>Severe irritant</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>Rabbit</td>
<td>Corrosive</td>
</tr>
</tbody>
</table>

### Skin Sensitization

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>Human</td>
<td>Not classified</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>Guinea pig</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

### Respiratory Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

### Germ Cell Mutagenicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>In vivo</td>
<td>Not mutagen</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>In Vitro</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>In Vitro</td>
<td>Not mutagen</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>In vivo</td>
<td>Not mutagen</td>
</tr>
</tbody>
</table>
### Carcinogenicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>Not Specified</td>
<td>Mouse</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Inhalation</td>
<td>Human</td>
<td>Not carcinogenic</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>Dermal</td>
<td>Multiple animal species</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>Ingestion</td>
<td>Mouse</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
</tbody>
</table>

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Value</th>
<th>Species</th>
<th>Test Result</th>
<th>Exposure Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>Dermal</td>
<td>Not classified for female reproduction</td>
<td>Rat</td>
<td>NOAEL 70 mg/kg/day</td>
<td>13 weeks</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>Ingestion</td>
<td>Not classified for female reproduction</td>
<td>Rat</td>
<td>NOAEL 75 mg/kg/day</td>
<td>premating &amp; during gestation</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>Ingestion</td>
<td>Not classified for male reproduction</td>
<td>Rat</td>
<td>NOAEL 75 mg/kg/day</td>
<td>28 days</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>Dermal</td>
<td>Not classified for male reproduction</td>
<td>Rat</td>
<td>NOAEL 70 mg/kg/day</td>
<td>13 weeks</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>Ingestion</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>NOAEL 50 mg/kg/day</td>
<td>premating &amp; during gestation</td>
</tr>
<tr>
<td>Phlegmatizer</td>
<td>Ingestion</td>
<td>Toxic to development</td>
<td>Rabbit</td>
<td>NOAEL 300 mg/kg/day</td>
<td>during gestation</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Inhalation</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>LOAEL 8.8 mg/l</td>
<td>during gestation</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>Ingestion</td>
<td>Not classified for female reproduction</td>
<td>Rat</td>
<td>LOAEL 5 mg/kg/day</td>
<td>6 months</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>Ingestion</td>
<td>Not classified for male reproduction</td>
<td>Rat</td>
<td>LOAEL 5 mg/kg/day</td>
<td>6 months</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>Ingestion</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>LOAEL 5 mg/kg/day</td>
<td>during gestation</td>
</tr>
</tbody>
</table>

### Target Organ(s)

#### Specific Target Organ Toxicity - single exposure

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Target Organ(s)</th>
<th>Value</th>
<th>Species</th>
<th>Test Result</th>
<th>Exposure Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>Inhalation</td>
<td>respiratory irritation</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Rat NOAEL Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Inhalation</td>
<td>central nervous system depression</td>
<td>May cause drowsiness or dizziness</td>
<td>Human NOAEL Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Inhalation</td>
<td>respiratory irritation</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Human NOAEL Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Ingestion</td>
<td>central nervous system depression</td>
<td>May cause drowsiness or dizziness</td>
<td>Professio nal judgement NOAEL Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Ingestion</td>
<td>liver</td>
<td>Not classified</td>
<td>Rat NOAEL Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Ingestion</td>
<td>kidney and/or bladder</td>
<td>Not classified</td>
<td>Rat LOAEL 1,080 mg/kg</td>
<td>not applicable</td>
<td></td>
</tr>
</tbody>
</table>

---

**3M™ Bondo® Fiberglass Resin Liquid Hardener, 20126, 31626      02/04/20**
Hydrogen Peroxide  
**Inhalation**  
respiratory irritation  
May cause respiratory irritation  
Human  
NOAEL Not available  

Hydrogen Peroxide  
**Ingestion**  
nervous system  
Some positive data exist, but the data are not sufficient for classification  
Human  
LOAEL Not available  
poisoning and/or abuse

### Specific Target Organ Toxicity - repeated exposure

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Target Organ(s)</th>
<th>Value</th>
<th>Species</th>
<th>Test Result</th>
<th>Exposure Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>Dermal</td>
<td>heart</td>
<td>hematopoietic system</td>
<td>liver</td>
<td>kidney and/or bladder</td>
<td>respiratory system</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>Ingestion</td>
<td>liver</td>
<td>kidney and/or bladder</td>
<td>Not classified</td>
<td>Rat</td>
<td>LOAEL 97 mg/kg/day</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Dermal</td>
<td>nervous system</td>
<td>Not classified</td>
<td>Guinea pig</td>
<td>NOAEL Not available</td>
<td>31 weeks</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Inhalation</td>
<td>liver</td>
<td>kidney and/or bladder</td>
<td>heart</td>
<td>endocrine system</td>
<td>gastrointestinal tract</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Ingestion</td>
<td>liver</td>
<td>Not classified</td>
<td>Rat</td>
<td>NOAEL Not available</td>
<td>7 days</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>Ingestion</td>
<td>nervous system</td>
<td>Not classified</td>
<td>Rat</td>
<td>NOAEL 173 mg/kg/day</td>
<td>90 days</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>Ingestion</td>
<td>hematopoietic system</td>
<td>Not classified</td>
<td>Rat</td>
<td>NOEL 0.005 mg/kg/day</td>
<td>6 months</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>Ingestion</td>
<td>liver</td>
<td>kidney and/or bladder</td>
<td>Not classified</td>
<td>Mouse</td>
<td>NOAEL Not available</td>
</tr>
</tbody>
</table>

### Aspiration Hazard

For the component/components, either no data are currently available or the data are not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

### SECTION 12: Ecological information

**Ecotoxicological information**

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

**Chemical fate information**

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

### SECTION 13: Disposal considerations

**13.1. Disposal methods**

Dispose of contents/container in accordance with the local/regional/national/international regulations.
Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

SECTION 14: Transport Information

For Transport Information, please visit http://3M.com/Transportinfo or call 1-800-364-3577 or 651-737-6501.

SECTION 15: Regulatory information

15.1. US Federal Regulations
Contact 3M for more information.

EPCRA 311/312 Hazard Classifications:

Physical Hazards
Organic peroxide

Health Hazards
Acute toxicity
Hazard Not Otherwise Classified (HNOC)
Reproductive toxicity
Serious eye damage or eye irritation
Skin Corrosion or Irritation

Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No</th>
<th>% by Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl Phthalate</td>
<td>131-11-3</td>
<td>Trade Secret 30 - 60</td>
</tr>
</tbody>
</table>

15.2. State Regulations
Contact 3M for more information.

15.3. Chemical Inventories
The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

Contact 3M for more information.

15.4. International Regulations
Contact 3M for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: Other information

NFPA Hazard Classification
Health: 3  Flammability: 1  Instability: 1  Special Hazards: Oxidizer

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

HMIS Hazard Classification
Health: *4  Flammability: 1  Physical Hazard: 1  Personal Protection: X - See PPE section.

Hazardous Material Identification System (HMIS® IV) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).

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