**SECTION 1** PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Duro-Last® Liquid-Applied Flashing Catalyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version:</td>
<td>3</td>
</tr>
<tr>
<td>Identifier 1:</td>
<td>DL LAF Catalyst</td>
</tr>
<tr>
<td>Chemical Family:</td>
<td>Mixture</td>
</tr>
<tr>
<td>Product Use:</td>
<td>Reactive agent used to induce curing of Duro-Last® Liquid-Applied Flashing Field</td>
</tr>
</tbody>
</table>

**Company Information:**

Duro-Last®, Inc.
525 W Morley Dr.
Saginaw, MI 48601
Phone: (800) 248-0280
Internet Address: www.duro-last.com

**Emergency Phone (24 hours):**

INFOTRAC
1-800-535-5053 (US & Canada)
1-352-323-3500 (International)

**SECTION 2** HAZARD(S) IDENTIFICATION

**Hazard Classification:**

- Health Hazards
  - Organic Peroxides, Type D
  - Serious Eye Damage/Irritation, Category 2
  - Skin Sensitization, Category 1
  - Toxic to Reproduction (Fertility), Category 2

**Pictogram(s):**

![Pictograms]

**Signal Word:** DANGER

**Hazard Statements:**

- H242 - Heating may cause a fire.
- H317 - May cause an allergic skin reaction.
- H319 - Causes serious eye irritation.
- H361 - Suspected of damaging fertility.

**Precautionary Statements:**

**Prevention**

- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P220 - Keep/Store away from clothing/incompatible materials/combustible materials.
- P234 - Keep only in original container.
- P261 - Avoid breathing dust.
- P264 - Wash hands thoroughly after handling.
Duro-Last® Liquid-Applied Flashing Catalyst

P272  - Contaminated work clothing should not be allowed out of the workplace.
P280  - Wear protective gloves, eye/face protection: Safety glasses with side shields are recommended.
P281  - Use personal protective equipment as required.

Response
P308+P313 - IF exposed or concerned: Get medical attention.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P363  - Wash contaminated clothing before reuse.
P332+P313 - If skin irritation or rash occurs: Get medical attention.
P305+P351+P338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

Storage
P405  - Store locked up.
P410  - Protect from sunlight.
P411+P235 - Store at temperatures not exceeding 30°C/86°F. Keep cool.
P420  - Store away from other materials.

Disposal
P501  - Dispose of contents and container in accordance with all local, regional, national, and international regulations.

Hazards Not Otherwise Classified:
- Temperature control may be required.
- Hazardous decomposition may occur.

SECTION 3  COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibenzoyl Peroxide</td>
<td>94-36-0</td>
<td>49.00 - 51.00%</td>
</tr>
<tr>
<td>Dicyclohexyl Phthalate</td>
<td>84-61-7</td>
<td>49.00 - 51.00%</td>
</tr>
</tbody>
</table>

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4  FIRST-AID MEASURES

Inhalation:
Move victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular, or if respiratory arrest occurs, provide artificial respiration of oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

Eye Contact:
Immediately flush eye(s) with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Skin Contact: Wash off with plenty of soap and water. Wash contaminated clothing and shoes thoroughly with water before removing them, or wear gloves. Continue to rinse for at least 10 minutes. Remove contaminated clothing and shoes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion: Wash out mouth with water. Remove dentures if any. Move victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick, as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

Most Important Symptoms and Effects, Both Acute and Delayed:

Eye Contact: Pain or irritation, watering or redness.

Inhalation: Reduced fetal weight, increase in fetal deaths and skeletal malformations.

Skin Contact: Irritation, redness, reduced fetal weight, and increase in fetal deaths and skeletal malformations.

Ingestions: Reduced fetal weight, increase in fetal deaths, and skeletal malformations.

Protection of First-Aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing and shoes thoroughly with water before removing them, or wear gloves. Show this Safety Data Sheet to the doctor in attendance.

Notes to Physician: Treat symptomatically. Contact a poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use dry chemical, Carbon Dioxide, water spray (fog), or foam.

Unsuitable Extinguishing Media: Do not use water jet.

Specific Hazards Arising from the Substance or Mixture: This material increases the risk of fire and may aid in combustion. Heating may cause a fire. May re-ignite itself after fire is extinguished. Hazardous decomposition may occur. Runoff to sewer may create fire or explosion hazard.
Hazardous Thermal Decomposition Products: Decomposition products may include Carbon Dioxide and Carbon Monoxide.

Firefighting Instructions: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.
No action shall be taken involving any personal risk or without suitable training.
Move containers from the fire area if this can be done without risk.
Use water spray to keep fire-exposed containers cool.

Special Protective Equipment for Firefighters: Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Remarks for Firefighters: Benzoyl Peroxide will explode at temperatures above 392°F (200°C).
Do not allow Benzoyl Peroxide to dry out, as the material will become shock and friction sensitive.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Handling Precautions: Remove ignition sources.
No open flames.
No smoking.
Observe exposure controls and personal protection equipment guidelines in Section 8.

Non-Emergency Personnel: No action shall be taken involving any personal risk or without suitable training.
Evacuate surrounding areas.
Keep unnecessary and unprotected personnel from entering.
Do not touch or walk through spilled material.
Shut off all ignition sources.
No flares, smoking, or flames in hazard area.
Provide adequate ventilation.
Wear appropriate respirator when ventilation is inadequate.
Put on appropriate personal protective equipment.

Emergency Responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.
See also the information in “Non-Emergency Personnel.”

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.
Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

Small Spill Cleanup: Move containers from spill area.
Use spark-proof tools and explosion-proof equipment.
Avoid containment with reactive substances.
Avoid dust generation.
Do not dry sweep.
Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container.
Dispose of via a licensed waste disposal contractor.
| **Large Spill Cleanup:** | Move containers from spill area.  
Use spark-proof tools and explosion-proof equipment.  
Approach release from upwind.  
Prevent entry into sewers, water courses, basements, or confined areas.  
Avoid contamination with reactive substances.  
Avoid dust generation.  
Do not dry sweep.  
Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container.  
Dispose of via a licensed waste disposal contractor.  
Note: See Section 1 for emergency contact information and Section 13 for waste disposal. |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Regulatory Requirements:</strong></td>
<td>Follow applicable OSHA regulations (29 CFR 1940.120).</td>
</tr>
</tbody>
</table>

### SECTION 7  
**HANDLING AND STORAGE**

#### Handling Precautions:
- **Protective Measures**
  - Do not get in eyes, on skin, or on clothing.  
  - Put on appropriate personal protective equipment (see Section 8).  
  - Persons with a history of skin sensitization should not be employed in any process in which this mixture is being used.  
  - Avoid exposure - obtain special instructions before use.  
  - Avoid exposure during pregnancy.  
  - Do not handle until all safety precautions have been read and understood.  
  - Do not ingest.  
  - Use only with adequate ventilation.  
  - Wear appropriate respirator when ventilation is inadequate.  
  - Do not enter storage areas and confined spaces unless adequately ventilated.  
  - Keep in original container or an approved alternative made from a compatible material, kept tightly closed when not in use.  
  - Store and use away from heat, sparks, open flame, or any others ignition source.  
  - Use only non-sparking tools.  
  - Keep away from clothing, incompatible materials, and combustible materials.  
  - Temperature control may be required.  
  - Empty containers retain product residue and can be hazardous.  
  - Do not reuse container.  
  - **Hygiene Measures**
    - Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed.  
    - Workers should wash hands and face before eating, drinking, and smoking.  
    - Remove contaminated clothing and protective equipment before entering eating areas.  
    - See also Section 8 for additional information on hygiene measures.  

#### Storage Requirements:
- Keep only in original container in a cool, well ventilated place away from sparks, open flames, and ignition sources.  
- Keep container tightly closed when not in use.  
- Store at temperatures not exceeding 30°C/86°F  

#### Incompatible Products:
- Strong bases.  
- Strong acids.  

#### Incompatible Materials:
- Sources of ignition, direct sunlight, heat sources, combustible materials.  

#### Special Rules for Packaging:
- Keep only in original container.
## Exposure Controls / Personal Protection

**Exposure Limits**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS Number</th>
<th>Basis **</th>
<th>Value</th>
<th>Exposure Limit(s)* / Form of Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibenzoyl Peroxide</td>
<td>94-36-0</td>
<td>ACGIH</td>
<td>TLV</td>
<td>5mg/m³ 8 hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA</td>
<td>TWA</td>
<td>5 mg/m³ 8 hours</td>
</tr>
</tbody>
</table>

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this Safety Data Sheet.

**Basis**

ACGIH. Threshold Limit Values (TLV)

OSHA P0. Table Z-1, Limit for Air Contaminants (1989 Vacated Values)

OSHA P1. Permissible Exposure Limits (PEL), Table Z-1, Limit for Air Contaminant

OSHA P2. Permissible Exposure Limits (PEL), Table Z-2

OSHA Z3. Table Z-3, Mineral Dust

**Engineering Measures:**

Use only with adequate ventilation. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental Exposure Controls:**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Personal Protective Equipment:**

**Respiratory Protection**

Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: Dust respirator.

**Hand Protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated; greater than 8 hours (breakthrough time): Butyl Rubber.

**Eye and Face Protection**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. Recommended: safety glasses with side-shields.
Skin and Body Protection
Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: lab coat.

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Hygiene Measures
Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing thoroughly before reuse.

Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9
PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Solid (Granules)</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
</tr>
<tr>
<td>Density</td>
<td>≈ 778 kg/m³</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Explosive Properties:</td>
<td>Heating may cause an explosion.</td>
</tr>
<tr>
<td>SADT</td>
<td>60°C (140°F)</td>
</tr>
<tr>
<td>VOC</td>
<td>0 g/L</td>
</tr>
</tbody>
</table>

SECTION 10
STABILITY AND REACTIVITY

Reactivity: This product, in laboratory testing, either detonates partially, deflagrates slowly or shows a medium effect when heated under confinement.

Chemical Stability: The product is chemically stable.

Possibility of Hazardous Reactions:

**Conditions may include the following:**
Temperature increase.
High temperature.

**Reactions may include the following:**
Hazardous decomposition.
Risk of causing fire.

Hazardous Decomposition Products:
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Reactive or Incompatible Materials:
Combustible materials.
Reducing materials.
Copper.
Iron.
Rust.

Conditions to Avoid:
Avoid all possible sources of ignition (spark or flame), increased storage temperature, and direct sunlight.
SECTION 11
TOXICOLOGICAL INFORMATION

Toxicity

<table>
<thead>
<tr>
<th>Hazardous Ingredient Name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibenzoyl Peroxide</td>
<td>Eyes - Mild Irritant</td>
<td>Rabbit</td>
<td>500 milligrams, 24 hours</td>
</tr>
</tbody>
</table>

Conclusion/Summary: Dibenzoyl Peroxide showed no skin irritation when tested on rabbits according to OECD Test Guideline 404. Dicyclohexyl Phthalate showed no skin irritation when tested on reconstructed human epidermis (RhE) according to OECD Test Guideline 439.

Dicyclohexyl Phthalate showed no eye irritation according to OECD Test Guideline 437.

<table>
<thead>
<tr>
<th>Hazardous Ingredient Name</th>
<th>Test and Route of Exposure</th>
<th>Species/Subject</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibenzoyl Peroxide</td>
<td>Sensitization - Skin</td>
<td>Mouse</td>
<td>Sensitizing</td>
</tr>
<tr>
<td>Dicyclohexyl Phthalate</td>
<td>Sensitization - Skin</td>
<td>Mouse</td>
<td>Sensitizing</td>
</tr>
<tr>
<td>Dibenzoyl Peroxide</td>
<td>Mutagenicity - OECD 471</td>
<td>Bacteria</td>
<td>Negative</td>
</tr>
<tr>
<td>Dicyclohexyl Phthalate</td>
<td>Mutagenicity - OECD 471</td>
<td>Bacteria</td>
<td>Negative</td>
</tr>
</tbody>
</table>

Irritation: Skin irritation.
Eye irritation.

Sensitization: This product contains one or more known sensitizers. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Reproductive Toxicity: Dicyclohexyl Phthalate: Suspected of damaging fertility based on some evidence of adverse effects on sexual function.

Likely Routes of Exposure: Oral.
Inhalation.

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

<table>
<thead>
<tr>
<th>Eye Contact</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pain or Irritation</td>
<td>Watering</td>
<td></td>
</tr>
<tr>
<td>Redness</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Inhalation
Reduced fetal weight.
Increase in fetal deaths.
Skeletal malformations.

Skin Contact
Irritation.
Redness.
Reduced fetal weight.
Increase in fetal deaths.
Skeletal malformations.

Ingestion
Reduced fetal weight.
Increase in fetal deaths.
Skeletal malformations.
### SECTION 12

#### ECOLOGICAL INFORMATION

**Environmental Data**

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibenzoyl Peroxide</td>
<td>Algae</td>
<td>Acute EC50 0.07 mg/L; Exposure time: 72 h</td>
</tr>
<tr>
<td></td>
<td>Daphnia</td>
<td>Acute EC50 0.11 mg/L; Exposure time: 48 h</td>
</tr>
<tr>
<td></td>
<td>Micro-Organism</td>
<td>Acute EC50 35 mg/L; Exposure time: 30 min</td>
</tr>
<tr>
<td></td>
<td>Fish</td>
<td>Acute LC50 0.06 mg/L; Exposure time: 96 h</td>
</tr>
<tr>
<td>Dicyclohexyl Phthalate</td>
<td>Algae</td>
<td>NOEC &gt;2 mg/L; Exposure time: 72 h</td>
</tr>
<tr>
<td></td>
<td>Micro-Organism</td>
<td>NOEC &gt;100 mg/L; Exposure time: 3 h</td>
</tr>
<tr>
<td></td>
<td>Algae</td>
<td>Acute EC50 &gt;2 mg/L; No toxicity at limit of solubility; Exposure time: 72 h</td>
</tr>
<tr>
<td></td>
<td>Fish</td>
<td>Acute LC50 &gt;2 mg/L; No toxicity at limit of solubility; Exposure time: 96 h</td>
</tr>
<tr>
<td></td>
<td>Daphnia</td>
<td>Chronic NOEC 0.181 mg/L; Exposure time: 21 days</td>
</tr>
</tbody>
</table>

**Persistence and Degradability**

<table>
<thead>
<tr>
<th>Components</th>
<th>Statistic and Test</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibenzoyl Peroxide</td>
<td>Persistence - OECD 301D</td>
<td>68.00% - 28 days</td>
</tr>
<tr>
<td>Dicyclohexyl Phthalate</td>
<td>Persistence - OECD 301D</td>
<td>68.50% - 28 days</td>
</tr>
</tbody>
</table>

**Bioaccumulative Potential**

<table>
<thead>
<tr>
<th>Components</th>
<th>Log $\text{P}_{ow}$</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibenzoyl Peroxide</td>
<td>3.2</td>
<td>Low</td>
</tr>
<tr>
<td>Dicyclohexyl Phthalate</td>
<td>5.6</td>
<td>High</td>
</tr>
</tbody>
</table>

### SECTION 13

#### DISPOSAL CONSIDERATIONS

**Disposal Methods:**

The generation of waste should be avoided or minimized wherever possible.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Waste packaging should be recycled.

Incineration or landfill should only be considered when recycling is not feasible.

This material and its container must be disposed of in a safe way.

Care should be taken when handling emptied containers that have not been cleaned or rinsed out.

Empty containers or liners may retain some product residues.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**RCRA Classification:**

D001, D003

**Regulations:**

Disposal should be in accordance with applicable federal, state, and local regulations.
### SECTION 14
TRANSPORT INFORMATION

Transport Information for DOT, TDG, ADR/RID, IMDG, IATA-DGR

<table>
<thead>
<tr>
<th>UN number</th>
<th>Proper Shipping Name</th>
<th>Class</th>
<th>PG*</th>
<th>Label</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3106</td>
<td>Organic Peroxide type D, solid (Dibenzoyl Peroxide, 50% in Phthalate)</td>
<td>5.2</td>
<td>II</td>
<td>![Label Image]</td>
<td>Marine Pollutant</td>
</tr>
</tbody>
</table>

*PG: Packing Group

In Accordance with DOT

<table>
<thead>
<tr>
<th>Transport Document Description:</th>
<th>3106 Organic Peroxide Type D, Solid, 5.2, II</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN-No.(DOT):</td>
<td>3106</td>
</tr>
<tr>
<td>DOT NA no.:</td>
<td>UN3106</td>
</tr>
<tr>
<td>DOT Proper Shipping Name:</td>
<td>Organic Peroxide Type D, Solid</td>
</tr>
<tr>
<td>Department of Transportation (DOT) Hazard Classes:</td>
<td>5.2 - Class 5.2 - Organic Peroxide 49 CFR 173.128</td>
</tr>
<tr>
<td>DOT Symbols:</td>
<td>G - Identifies PSN requiring a technical name.</td>
</tr>
<tr>
<td>Packing Group (DOT):</td>
<td>II - Medium Danger</td>
</tr>
<tr>
<td>DOT Packaging Exceptions (49 CFR 173.xxx):</td>
<td>152</td>
</tr>
<tr>
<td>DOT Packaging Non-Bulk (49 CFR 173.xxx):</td>
<td>225</td>
</tr>
<tr>
<td>DOT Packaging Bulk (49 CFR 173.xxx):</td>
<td>None</td>
</tr>
<tr>
<td>DOT Quantity Limitations Passenger Aircraft/Rail (49 CFR 175.75):</td>
<td>5 kg</td>
</tr>
<tr>
<td>DOT Quantity Limitations Cargo Aircraft Only (49 CFR 175.75):</td>
<td>10 kg</td>
</tr>
<tr>
<td>DOT Vessel Stowage Location:</td>
<td>D - The material must be stowed “on deck only” on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers or one passenger per each 3 m of overall vessel length, but the material is prohibited on passenger vessels in which the limiting number of passengers is exceeded.</td>
</tr>
<tr>
<td>DOT Vessel Stowage Other:</td>
<td>12 - Keep as cool as reasonably practicable.</td>
</tr>
<tr>
<td></td>
<td>40 - Stow “clear of living quarters.”</td>
</tr>
<tr>
<td></td>
<td>52 - Stow “separated from” acids.</td>
</tr>
<tr>
<td></td>
<td>53 - Stow “separated from” alkaline compounds.</td>
</tr>
</tbody>
</table>

### SECTION 15
REGULATORY INFORMATION

**TSCA list:**
All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

**SARA304 Reportable Quantity:**
This material does not contain any components with a section 304 EHS RQ.

**SARA 302:**
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 311/312:**
This product contains one or more chemicals classified as “Reactive” under SARA 311/312.
SARA 313: This material contains Dibenzoyl Peroxide with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Form R - Reporting Requirements:** Dibenzoyl Peroxide, 94-36-0, 49.00 - 51.00%

**Supplier Notification:** Dibenzoyl Peroxide, 94-36-0, 49.00 - 51.00%

**NOTE:** SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

Clean Air Act: This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

Ozone-Depletion Potential: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

California Prop 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

<table>
<thead>
<tr>
<th>State Regulations</th>
<th>Listed Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>Massachusetts</td>
<td>Benzoyl Peroxide</td>
</tr>
<tr>
<td>New Jersey</td>
<td>Benzoyl Peroxide, Dibenzoyl Peroxide</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>Benzoyl Peroxide, Dibenzoyl, Phthalate Esters</td>
</tr>
</tbody>
</table>

**Composition/Information on Ingredients**

<table>
<thead>
<tr>
<th>Name</th>
<th>%</th>
<th>Fire Hazard</th>
<th>Sudden Release of Pressure</th>
<th>Reactive</th>
<th>Immediate (Acute) Health Hazard</th>
<th>Delayed (Chronic) Health Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibenzoyl Peroxide</td>
<td>49.00 - 51.00%</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Dicyclohexyl Phthalate</td>
<td>49.00 - 51.00%</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**SECTION 16 OTHER INFORMATION**

<table>
<thead>
<tr>
<th>HMIS (USA)</th>
<th>NFPA (USA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>2</td>
</tr>
<tr>
<td>Flammability</td>
<td>2</td>
</tr>
<tr>
<td>Physical Hazard</td>
<td>2</td>
</tr>
<tr>
<td>Protective Equipment</td>
<td>G</td>
</tr>
</tbody>
</table>

**Key to Abbreviations:**

- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labeling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogP<sub>ow</sub> = Logarithm of the octanol/water partition coefficient
- UN = United Nations
Previous Editions:
First Edition: 01/11/18
Revision Dates: 03/29/2018
05/02/2019

Further Information:
This SDS was prepared in accordance with OSHA regulatory standards for Toxic and Hazardous Substances: 29 CFR 1910.1200.

Disclaimer:
To the best of our knowledge, the information contained herein is accurate. However Duro-Last®, Inc. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be handled with care. Although Duro-Last®, Inc. has described herein all of the hazards to which we are currently aware, we cannot guarantee that these are the only hazards which exist.