



## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

#### 1.1 Product Identifier

**Product Name:** ProFil Hardener

**Product Code:** 51805, 51809

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Identified Uses:** Repairing compound

#### 1.3 Details of the supplier of the safety data sheet

**Company Identification:**  
Hawk Research Laboratories, LLC.

7150 Capitol Drive  
Wheeling, IL 60090

**Telephone:** 630.227.0050

**Email:** info@hawklabs.com

**Customer information:**

**Supplied by:**

+353 86 100 1972

safety@hawklabs.com

#### 1.4 Emergency Telephone Number

**24-Hour Contact:** +1.813.248.0585

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008:

Classification	Category	Hazard Code
Flammable Liquids	4	H227
Skin Sensitization	1	H317
Eye Damage	2A	H319

#### 2.2 Label elements

##### Labelling according to Regulation (EC) No 1272/2008:

##### Hazard Symbols (Pictograms):



**Signal Word:** WARNING

**Hazard statements:**



H227: Combustible liquid  
H317: May cause an allergic skin reaction  
H319: Causes serious eye irritation

**Precautionary Statements:**

**Prevention:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P264: Wash thoroughly after handling.

**Response:**

P370+P378: In case of fire: Use alcohol resistant foam, carbon dioxide, dry chemical or water spray to extinguish.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364: Take off contaminated clothing and wash it 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 advice/attention.

**Storage:**

P403+P235: Store in a well-ventilated place. Keep cool  
#N/A  
#N/A

**Disposal:**

P501: Dispose of contents/container to an approved waste disposal plant.

**Contains:** Benzoyl Peroxide

**2.3 Other hazards**

No data available

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2 Mixtures**

This product is a mixture.

Chemical Name	CAS Number	EC Number Index Number	Weight%	Classification
Benzoyl Peroxide	94-36-0		30-60	

The exact percentage is withheld as trade secret. Other components are below reportable levels or are non-hazardous.

**SECTION 4: FIRST AID MEASURES**



**4.1 Description of first aid measures**

- General advice:** First aid responders should use the recommended protective clothing. Refer to Section 8 for specific personal protective equipment.
- Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, begin CPR. Seek medical attention immediately.
- Eye Contact:** Flush eyes with plenty of water for at least 20 minutes while retracting eyelids often. Get immediate medical attention.
- Skin Contact:** Wash with soap and water. If irritation develops or persists, get medical attention. Remove contaminated clothing and continue flushing with water. If symptoms persist, seek medical advice. Launder clothing before reuse.
- Ingestion:** Minimal risk of harm if swallowed. Do not induce vomiting and seek medical attention immediately. Drink plenty of water. Call a physician or poison center and provide information from this SDS. If individual is drowsy, do not give anything by mouth. If possible, do not leave individual unattended.

**4.2 Most important symptoms and effects, both acute and delayed**

Aside from the information found under the First Aid Measures (above) and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicological Information

**4.3 Indication of any immediate medical attention and special treatment needed**

**Notes to Physician:** Treat symptomatically. No specific antidote available.

**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

Alcohol resistant foam, carbon dioxide, dry chemical or water spray

**5.2 Special hazards arising from the substance/mixture**

Material may ignite if preheated to temperatures above the flash point and in the present of a source of ignition. Thermal decomposition may produce toxic and corrosive gases, carbon dioxide, carbon monoxide, benzoic acid and hydrocarbons.

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus pressure-demand, NIOSH/MSHA (approved or equivalent) and full protective gear. Water spray may be used to prevent pressure build-up when exposed to extreme heat.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment, and emergency procedures**

Immediately turn off or isolate any sources of ignition (pilot lights, electrical equipment, flames, heaters, etc.). Evacuate area and ventilate. Only trained and properly protected personnel should be involved in clean up procedures. Use appropriate safety equipment.

**6.2 Environmental precautions**



Do not allow substance to enter soil, ditches, sewers, waterways or groundwater. CAUTION: If spilled material is cleaned up using a regulated solvent, the resulting waste mixture will also be regulated.

**6.3 Methods and materials for containment and cleaning up**

Personnel wearing proper protective equipment should contain spill immediately with inert materials (sand, earth, chemical spill pads of cotton) by forming dikes. Dikes should be placed to contain spill in a manner that will prevent material from entering sewers and waterways. Large spills, once contained, may be picked up using explosion-proof, non-sparking vacuum pumps, shovels, or buckets, and disposed of in suitable containers. If a large spill occurs, notify the appropriate authorities. In case of spill or accident, contact CHEMTEL at +1.813.248.0585.

**6.4 Reference to other sections**

References to other sections, have been cited in previous subsections.

**SECTION 7: HANDLING AND STORAGE**

**7.1 Safe handling**

Open containers carefully and in a well-ventilated area, using appropriate respiratory protection. Wash hands thoroughly after handling. Keep containers closed when not in use. Do not transfer to unmarked containers. Empty containers may contain product residue which may exhibit hazardous properties; therefore, do not pressurise, cut, glaze, weld or use for any other purpose.

**7.2 Conditions for safe storage**

Store in a cool, dry, well-ventilated area. Keep containers tightly closed and store away from heat, sparks, open flame, or oxidising materials. Extended storage at excessive temperatures may produce odorous and toxic fumes from product decomposition.

**7.3 Specific end uses**

See technical data sheet on this product for further information.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

Chemical Name	Regulation	Type of Listing	Value
Benzoyl Peroxide	ACGIH	TWA	5 mg/m <sup>3</sup>

**8.2 Exposure controls**

Avoid creating dust or mist. Local exhaust ventilation, process enclosures, or other engineering controls are required when handling or using this product to avoid overexposure. Use explosion-proof ventilation equipment. Do not use in closed and confined spaces. Keep all levels below exposure limits. Perform regular monitoring to ensure exposure limits are not exceeded.

**Personal Protective Equipment (PPE)**

**Eye/Face Protection:**

Use safety eyewear with splash guards and side shields. Use additional eye protection, such as chemical safety goggles when the possibility for eye contact from splashing, spraying liquid, or airborne material exists.



**Skin Protection:**

Avoid contact with this product. Wear appropriate protective gloves and clothing to prevent skin exposure. Use proper glove and clothing remove techniques to avoid skin contact with this product. When handling large quantities, eye wash stations and deluge showers should be available.

**Respiratory Protection:**

Do not breathe vapours. When concentrations exceed the established limits, wear an appropriate, properly fitted respiratory until vapours are exhausted. Use of an air-purifying or positive-pressure self-contained breathing apparatus is recommended. For emergency situations, use a positive-pressure self-contained breathing apparatus.

**General Hygiene Measures:**

When using this product, do not eat or drink. Wash hands with soap and water before breaks and at the end of each workday. Avoid contact with contaminated clothing and protective clothing. Wash before reuse.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Basic physical and chemical properties**

<b>Appearance (Physical State/Colour):</b>	Paste/white
<b>Odor:</b>	Ester-like
<b>Odor Threshold:</b>	Not determined
<b>pH</b>	Neutral
<b>Melting Point:</b>	Not determined
<b>Boiling Point:</b>	100°C
<b>Flash Point:</b>	84°C
<b>Evaporation Rate:</b>	Not determined
<b>Flammability (solid, gas)</b>	Not applicable to liquids
<b>Lower and Upper Explosive Limits:</b>	Not determined
<b>Vapour Pressure:</b>	1 mm Hg at 20°C
<b>Vapour Density:</b>	Not determined
<b>Relative Density:</b>	1.2
<b>Solubility:</b>	Insoluble
<b>Partition Coefficient: n-octanol/water:</b>	Not determined
<b>Auto-ignition Temperature:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Explosive Properties:</b>	No data available
<b>Oxidising Properties:</b>	No data available

**9.2 Other information**

<b>Molecular Weight:</b>	No data available
<b>Molecular Formula:</b>	Not applicable (mixture)

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity**

No data available

**10.2 Chemical stability**



Stable

**10.3 Possibility of hazardous reactions**

Hazardous polymerisation will not occur

**10.4 Conditions to avoid**

None known

**10.5 Incompatible materials**

Organic materials, inorganic acids, strong oxidising agents, accelerators, reducing agents, alcohols, amines, strong alkalis

**10.6 Hazardous decomposition products**

Thermal decomposition may release toxic and corrosive gases, carbon monoxide, carbon dioxide, benzoic acid and hydrocarbons

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Acute toxicity**

**Acute Oral Toxicity:** LD50 7710 mg/kg (rat)  
**Acute Dermal Toxicity:** May cause an allergic reaction  
**Acute Inhalation Toxicity:** No adverse effects

**Skin corrosion/irritation:** May cause an allergic skin reaction

**Serious eye damage/eye irritation:** Causes serious eye irritation

**Respiratory or skin sensitisation:** May cause an allergic skin reaction

**Germ Cell Mutagenicity:** No data available

**Carcinogenicity:** The following chemical(s) comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by the National Toxicology Program (NTP) or the International Agency for Research on Cancer (IARC):

CAS Number	Chemical Name	Carcinogen Rating
None		

**Reproductive toxicity:** No data available

**Specific target organ system toxicity:**

**Single exposure:** Not classified  
**Repeated exposure:**

**Aspiration hazard:** No data available

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**



**Component Ecotoxicity**

Benzoyl Peroxide No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

This product has not been assessed for persistence, bioaccumulation and toxicity

**12.6 Other adverse effects**

None known

**12.7 Additional information**

No other information available

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

This product, when being disposed of in its unused and uncontaminated state, should be treated as a hazardous waste when disposed according to Directive 2008/98/EC. Disposal practices must comply with all national and provincial laws, including those governing hazardous waste. Waste characterisations and compliance shall be determined by the waste generator. Dispose of in a licensed facility.

Do not discharge product into sewer system, on the ground or into any body of water.

**SECTION 14: TRANSPORT INFORMATION**

<b>14.1</b>	<b>UN number</b>	UN3108
<b>14.2</b>	<b>UN proper shipping name</b>	Organic Peroxide Type E (Dibenzoyl Peroxide)
<b>14.3</b>	<b>Transport hazard class(es)</b>	Class 5.2
<b>14.4</b>	<b>Packing group</b>	NA
<b>14.5</b>	<b>Environmental hazards</b>	Not considered environmentally hazardous based on available data
<b>14.6</b>	<b>Special precautions for users</b>	No data available
<b>14.7</b>	<b>Bulk transport information</b>	Consult IMO regulations before transporting ocean bulk

This information is not intended to cover all specific regulatory or operational requirements relating to this product. Transportation classifications may vary by container volume and may be influenced by country regulations. Additional transportation information can be obtained through a customer service representative.



**SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**REACH Regulation (EC) No 1907/2006**

This product contains only components that have either been preregistered, registered, exempt from registration, regarded as registered, or not subject to registration according to Regulation (EC) No 1907/2006 (REACH). Polymers are exempted from REACH registration.

**15.2 Chemical safety assessment**

Not applicable

**SECTION 16: OTHER INFORMATION**

Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, Hawk Research Laboratories, LLC (Seller) makes no representations as to the completeness or accuracy thereof. Seller has prepared this document using data from sources considered to be technically reliable and accurate. Information is supplied upon the condition that persons receiving it will make their own determination as to its suitability for their purpose prior to use. In no event will Seller be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties either expressed or implied, or merchantability, fitness for a particular purpose in any other nature are made hereunder with respect to information for the product to which information refers.

**Recommended use of the chemical and restrictions of use:**

Because many of the conditions are within the user's knowledge and control, it is essential that the user evaluate and determine whether the product is suitable and appropriate for an intended application, and complies with all local applicable laws, regulations, standards, and guidance.