



SAFETY DATA SHEET

This Safety Data Sheet complies with the Canadian Controlled Product Regulations, the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910 (OSHA HCS), and the European Union Directives.

1. Product and Supplier Identification

- 1.1 **Product:** 860BP Rubber Repair Cement
- 1.2 **Other Means of Identification:** Found in Coghlan's Rubber and Plastic Repair Kits
- 1.3 **Product Use:** Repairing rubber and plastic
- 1.4 **Restrictions on Use:** None known
- 1.5 **Producer:** Coghlan's Ltd.,
121 Irene Street,
Winnipeg, Manitoba
Canada, R3T 4C7
- Telephone: +1(204) 284-9550
Facsimile: +1(204) 475-4127
- Supplier:** As above
- 1.6 **Emergencies:** +1(877) 264-4526

2. Hazards Identification

2.1 Classification of product or mixture

This product in an untested mixture and GHS classification is based on the classification of the ingredients and their concentrations. Proprietary ingredients, if any, do NOT exhibit any health effects not listed in this SDS.

GHS Classification: Flammable Liquid, Category 2
Skin Irritation, Category 2
Eye Irritant Category 2B (self-classified)
Specific Target Organ Toxicity, Repeat Exposure (ingestion),
Category 2, Kidneys
Specific Target Organ Toxicity, Single Exposure (CNS), Category 3
Acute and Chronic Aquatic Toxicity, Category 1*

*Classification not currently required in Canada

2.2 GHS Label Elements, including precautionary statements

Pictogram:



Signal Word: Danger

GHS Hazard Statements: H225: Highly flammable liquid and vapour
H315: Causes skin irritation.
H320: Causes eye irritation..
H336: May cause drowsiness or dizziness.
H373: Causes damage to kidneys through prolonged or repeated exposure..

GHS Precautionary Statements:

Prevention: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof ventilation equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.
P260: Do not breathe vapours.
P264: Wash hands and exposed skin thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response: P312: Call a POISON CENTRE/doctor...if you feel unwell.
P314: Get medical advice/attention if you feel unwell.
P321: Specific treatment in Section 4.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P332+P313: If skin irritation occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P370+P378: In case of fire use CO₂, dry chemical or foam to extinguish.

Storage: P403+P233+P235: Store in a well-ventilated place. Keep cool. Keep container tightly closed.
P405: Store locked up.

Disposal: P501: Dispose of contents/container in accordance with local regulations, following product label directions.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS: None

2.4 Additional Information

Primary Routes of Entry:

Skin Contact: Yes
Skin Absorption: Yes
Eye Contact: Yes
Ingestion: Yes
Inhalation: Yes

Emergency Overview: Avoid contact with skin and eyes. If ingested, seek immediate medical attention.

Effects of Short-Term (Acute) Exposure:

Inhalation: Inhalation of vapours is not recommended although classification indicates low risk of health effects from this route of entry.

Skin Contact: This product contains compounds which may cause skin irritation, causing redness and/or rash to occur. Skin rash may occur quickly in persons predisposed to skin problems. Wash hands after handling this product to prevent residue from being ingested by touching mouth.

Eye Contact: Contact with eyes may cause significant irritation.

Ingestion: If product is ingested, compounds in this product have target organ effects possibly causing injury to the kidneys. Single exposure is unlikely to cause serious health effects. Repeated ingestion is unlikely but should this occur, damage to the kidneys may happen. Immediately contact a POISON CONTROL CENTER, doctor or nearest hospital for treatment advice.

Effects of Long-Term (Chronic) Exposure:

Repeated or prolonged skin contact may cause irritation of the skin. In the unlikely event of repeated ingestion, this product may injure the kidneys.

Medical Conditions Aggravated By Exposure: Persons who have a predisposition to skin problems may experience skin irritation. First signs of an adverse reaction may result in itchy skin.

3. Composition

3.1 Mixture composition

Component	% (w/w)	GHS Classification
VM&P Naphtha (<0.1% benzene) CAS No 64742-89-8 EINECS No 265-192-2	50 - 75	Flammable Liquid, Category 3 Aspiration Hazard, Category 1 STOT-RE, Category 2, Ingestion, Kidneys Skin Irritation, Category 2
Heptane CAS No 142-82-5 EINECS No 205-563-8	10 - 25	Flammable Liquid, Category 2 Aspiration Hazard, Category 1 Skin Irritation, Category 2 STOT-SE, Category 3, Central Nervous System (CNS) Acute and Chronic Aquatic Toxicity, Category 1
Hept-1-ene CAS No 592-76-7 EINECS No 209-767-8	2.5 - 10	Flammable Liquid, Category 2 Aspiration Hazard, Category 1
Octane CAS No 111-65-9 EINECS No None listed	1.0 – 1.5	Flammable Liquid, Category 2 Aspiration Hazard, Category 1 Skin Irritation, Category 2 STOT-SE, Category 3, Central Nervous System (CNS) Acute and Chronic Aquatic Toxicity, Category 1
Non-hazardous ingredients or those below disclosure requirements	0	N/ap

4. First Aid Measures

4.1 Description of First Aid Measures

General advice: If ingested, immediately call a POISON CONTROL CENTER, doctor or nearest hospital for treatment advice. For burns, seek medical advice. Wash hands after handling. Do not eat drink or smoke until washing the hands.

In case of eye contact: Immediately flush eyes with warm water for 15 minutes minimum. While rinsing eyes, hold eyelids open occasionally to more effectively cleanse the eye. Remove contact lenses, if safe to do so. If irritation occurs and persists, consult a doctor immediately.

In case of skin contact: Wash hands/skin immediately with soap and water after handling. Do not eat, drink or smoke until hands are thoroughly washed. If irritation occurs or persists seek medical advice.

If inhalation: Clear airway of the product should accidental ingestion occur. Remove victim to fresh air. Do not give artificial respiration directly to victim to avoid self contamination. If breathing is labored, give oxygen. Seek medical attention if breathing is difficult or discomfort occurs.

If ingestion: This product is orally toxic if ingested. If ingested immediately call a POISON CONTROL CENTRE, doctor or nearest hospital for treatment advice. Provided that patient is conscious, rinse mouth with water. Do NOT give anything to an unconscious person. Do not induce vomiting unless instructed to do so by a physician or the poison control center. If spontaneous vomiting occurs, have victim lean forward with head between knees to avoid aspirating vomitus, Rinse mouth and give 2 glasses water, if conscious.

4.2 Most important symptoms and effects, both acute and delayed

Effects of Short-Term (Acute) Exposure:

Inhalation: Inhalation of vapours is not recommended although classification indicates low risk of health effects from this route of entry.

Skin Contact: This product contains compounds which may cause skin irritation, causing redness and/or rash to occur. Skin rash may occur quickly in persons predisposed to skin problems. Wash hands after handling this product to prevent residue from being ingested by touching mouth.

Eye Contact: Contact with eyes may cause significant irritation.

Ingestion: If product is ingested, compounds in this product have target organ effects possibly causing injury to the kidneys. Single exposure is unlikely to cause serious health effects. Repeated ingestion is unlikely but should this occur, damage to the kidneys may happen. Immediately contact a POISON CONTROL CENTER, doctor or nearest hospital for treatment advice.

Effects of Long-Term (Chronic) Exposure:

Repeated or prolonged skin contact may cause irritation of the skin. In the unlikely event of repeated ingestion, this product may injure the kidneys.

Medical Conditions Aggravated By Exposure: Persons who have a predisposition to skin problems may experience skin irritation. First signs of an adverse reaction may result in itchy skin.

4.3 Indication of any immediate medical attention and special treatment needed

In the case of accidental ingestion, it is important to get treatment immediately.

5. Fire Fighting Measures

5.1 Extinguishing Media

Suitable extinguishing media: Product is flammable. Extinguish by using foam, dry chemical or CO₂ where applicable.

5.2 Special hazards arising from mixture:

Dried product may burn. Product may splatter if heated above 100°C.

Advice for firefighters: In any fire situation, firefighters should wear full protective clothing including self contained breathing apparatus. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

5.3 Further Information:

Sensitivity to Impact: No
Sensitivity to Static Discharge: Yes

HAZARDOUS MATERIALS INFORMATION SYSTEM (HMIS) HAZARD INDEX:

HEALTH: 2

FLAMMABILITY: 3

REACTIVITY: 0

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

All spill responders involved in a cleanup of this product must follow good industrial hygiene practices. A small spill can be handled routinely. Wear suitable protective equipment and eye protection to prevent skin and eye contact. Extinguish all sources of ignition and remove containers of fire paste if safe to do so.

Respiratory Protection: To avoid inhaling vapours, use self-contained breathing apparatus if exposure limits are exceeded.

Skin protection: Wear suitable protective equipment to prevent skin contact.

Eye and Face Protection: Wear chemical goggles or full face protection.

Footwear: No specific recommendation.

Other: None

6.2 Environmental precautions

Do not allow this material to enter into the aquatic environment. If spilled and safe to do so, protect from spillage into sewers or natural waterways.

6.3 Methods and materials for containment and cleanup

Immediately remove all sources of heat/ignition. Clean up spills immediately to protect human health and the environment. Scoop or sweep up material place in an appropriate container for disposal. If on soil, skim top layer of contaminated soil and place in an appropriate container for disposal. Once the spill has been remediated, arrange for disposal of the containers. Properly label containers to identify contents. Spill area may be washed down with water and detergent.

Remedial Measures: Do not use unprotected hands to collect spilled material. Ensure proper protective equipment is used to prevent contact with skin and eyes.

Large Spills: Shovel spilled product into adequate compatible containers, skimming soil as well to ensure all released product and contaminated soil is recovered. Properly close and label all containers for disposal. Completely wash spill area with plenty of water and detergent.

Small Spills: Scoop or sweep up material place in an appropriate container for disposal. If on soil, skim top layer of contaminated soil and place in an appropriate container for disposal.

6.4 Reference to other sections

For disposal, see Section 13.

7. Handling and Storage

7.1 Precautions for safe handling

Handling Procedures: While handling this product, a residue on skin may be transferred to mouth by accident. Wash thoroughly and immediately after handling this product and before eating, drinking, smoking or using the toilet. Keep container closed when not in use.

7.2 Conditions for safe storage, including incompatibilities

Storage: *Keep out of reach of children and animals.* Keep container closed when not in use and store in a cool, dry, well-ventilated area away from heat, flame, sources of ignition, direct sunlight, foodstuffs and clothing. Protect from sparks, heat or flame. Empty containers may contain residues which are hazardous. Always keep the canvas repair liquid in the original container. Store away from incompatible materials such as strong oxidizers and acids. Store at temperatures between 1°C (34°F) and 49°C (120°F)

In bulk storage areas, post "NO SMOKING" signs. Have appropriate fire extinguishers located in an accessible place near storage area. Keep containers closed when not in use. Prevent static discharges and use proper grounding procedures. Do not stack pallets more than three high.

7.3 Specific end use(s)

No other uses except those mentioned in Section 1.2

8. Exposure Controls, Personal Protection

8.1 Control parameters

Components with workplace control parameters

VM&P Naphtha (<0.1% benzene) CAS No 64742-89-8 EINECS No 265-192-2	5 mg/m ³ , TLV-TWA (oil mists)
Heptane CAS No 142-82-5 EINECS No 205-563-8	400 ppm, TLV-TWA, ACGIH 500 ppm, TLV-STEL, ACGIH 500 ppm STEL (Canada)
Hept-1-ene CAS No 592-76-7 EINECS No 209-767-8	None listed
Octane CAS No 111-65-9 EINECS No None listed	300 ppm, TLV-TWA, ACGIH 375 ppm STEL (Canada)

* ACGIH: American Conference of Governmental Industrial Hygienists. Exposure limits may vary from time to time and from one jurisdiction to another. Check with local regulatory agency for the exposure limits in your area.

ABBREVIATION KEY: N/p: not published, N/d: not determined, N/ap: not applicable, N/av: not available

8.2 Exposure Controls

Engineering Controls: Canvas repair may be used in a well ventilated place away from heat, sparks and ignition sources. Do NOT use where air circulation is insufficient to remove vapours. Avoid breathing vapours from product .

Respiratory Protection: Not applicable for consumers provided package instructions are followed. If use is such that vapours are not removed by air circulation, use a respirator with an organic vapour cartridge.

Skin protection: Use solvent resistant gloves for skin protection if continual use of product is necessary.

Eye and Face Protection: Protect from contact with eyes by using chemical goggles or safety glasses.

Footwear: No specific recommendation.

Other: None

Control of environmental exposure

None

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Viscous liquid, light yellow
Odour:	Solvent-like
Odour Threshold:	Not determined
pH:	Not determined
Melting Point/Freezing Point:	Not determined
Initial Boiling Point:	90°C
Flash Point:	-9°C (Closed Cup)
Evaporation Rate:	Not determined
Flammability:	Flammable
Upper Explosion Limit:	6.7% volume
Lower Explosion Limit:	1.1% volume
Vapour Pressure:	160 hPa @20°C
Vapour Density:	Not determined
Relative Density:	0.7 @ 25°C, water = 1.0
Solubility:	Not miscible
Partition Coefficient:	Not determined
Autoignition Temperature:	210°C
Decomposition Temperature:	Not determined
Viscosity:	Not determined
Explosive Properties:	Not available
Oxidizing Properties:	Not available
Percent VOC:	Not determined

9.2 Other safety information: None

10. Stability and Reactivity

10.1 Reactivity

May be reactive under conditions of heat.

10.2 Chemical Stability

Stable under recommended storage conditions. Storage should be in a dry, cool, well-ventilated area away from incompatible materials, sources of ignition and heat, out of direct sunlight.

10.3 Possibility of hazardous reactions

Reacts with oxidizing agents. Can form explosive mixtures in air if heated above its flash point or if spray/atomized.

10.4 Conditions to avoid

Heat, sparks, flames, sources of ignition which may initiate burning. During fire, irritating and possible toxic gases may be generated by thermal decomposition or combustion. Keep away from incompatible materials.

10.5 Incompatible materials

Strong oxidizing agents, acids.

10.6 Hazardous decomposition products

Oxides of carbon including carbon monoxide.

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

No GHS classification

Skin corrosion/irritation

Skin irritation, Category 2, H315: Causes skin irritation.

Serious eye damage/eye irritation

Eye Damage/Irritation, Category 2B, H320: Causes eye irritation.

Respiratory or skin sensitization

No GHS classification

Germ Cell Mutagenicity

No GHS classification

Carcinogenicity

No GHS classification

Reproductive toxicity

No GHS classification

Specific Target Organ Toxicity – Single exposure

STOT-SE, Category 3, (CNS), H336: May cause drowsiness or dizziness.

Specific Target Organ Toxicity – Repeated exposure

STOT-RE, Ingestion, Category 2 (kidneys): H373: May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard

No GHS classification

Aquatic Toxicity

Hazardous to the environment- Long Term, Category 1, H410: Very toxic to aquatic life with long lasting effects.

Additional information

Component	LD ₅₀	LC ₅₀
VM&P Naphtha (<0.1% benzene) CAS No 64742-89-8	3000 mg/kg (dermal/rabbit)	N/d
Heptane CAS No 142-82-5	>5000 mg/kg (estimate)	103000 mg/m ³ (Inhalation/rat, 4hr)
Hept-1-ene CAS No 592-76-7	N/d	N/d
Octane CAS No 111-65-9	N/d	118000 mg/m ³ (Inhalation/rat, 4hr)

12. Ecological Information

12.1 Toxicity

Aquatic, Acute Aquatic Toxicity, Very toxic to the environment.

Aquatic, Chronic Aquatic Toxicity, Very toxic to the environment with long lasting effects effects.

Data: No data

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

Not conducted

12.6 Other adverse effects

No data available

13. Disposal Considerations

13.1 Waste treatment methods

Product:

Do not reuse empty containers. Dispose of product according to all applicable local, state (provincial), and federal regulations. Offer to a licensed disposal company, properly contained and labelled.

Contaminated Packaging:

As above

14. Transport Information



Transport of Dangerous Goods (TDG and CLR)*: UN 1133, ADHESIVES, Class 3, PG II

United States Department of Transport (49CFR): UN 1133, ADHESIVES, Class 3, PG II

International Air Transport Association (IATA): UN 1133, ADHESIVES, Class 3, PG II

International Maritime Organization (IMO): UN 1133, ADHESIVES, Class 3, PG II,
EmS No F-E, S-D, Stowage Category A

*May be shipped as Consumer Commodity in compliance with Transport Regulations

15. Regulatory Information

CANADIAN FEDERAL REGULATIONS:

CEPA, DOMESTIC SUBSTANCES LIST: Listed

AMERICAN FEDERAL REGULATIONS:

TSCA (Toxic Substance Control Act): All ingredients are listed

CERCLA Hazardous Substance List (40 CFR 302.4) No

SARA 302 Extremely hazardous substance: No

SARA 311/312 Hazardous chemical: Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SARA 313 (TRI reporting): No

Other State Regulations:

Massachusetts Right to Know Components:

Heptane, CAS No 142-82-5

Revision Date: 1993-04-24

Octane, CAS No 111-6519

Revision Date: 1993-02-16

Pennsylvania Right to Know Components:

Heptane, CAS No 142-82-5

Revision Date: 1993-04-24

Octane, CAS No 111-6519

Revision Date: 1993-02-16

1-Heptene, CAS No 592-76-7

Revision date: 1989-08-11

New Jersey Right to Know Components:

Heptane, CAS No 142-82-5

Revision Date: 1993-04-24

Octane, CAS No 111-6519

Revision Date: 1993-02-16

1-Heptene, CAS No 592-76-7

Revision date: 1989-08-11

California Prop 65 Components: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

OTHER:

None

16. Other Information

Original Preparation Date: March 25, 2018

Prepared by: Technical Department, Coghlan's Ltd.

Disclaimer: This Safety Data Sheet (SDS) was prepared using information provided by CCINFO, ingredient supplier SDS and other relevant sources. This product has been classified using weight of evidence, expert judgment and previous testing as per Part 1.3 of the Fifth Edition of The Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The information in this SDS is offered for your consideration and guidance when exposed to this product. Coghlan's Ltd expressly disclaims all expressed or implied warranties and assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of Coghlan's Ltd.

Revisions: None