



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2462	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	TRUE BOND PATCH	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Ready-To-Use Asphalt Patching Compound	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Carcinogenicity: Category 2	SIGNAL WORD: WARNING	SYMBOL:	
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HAZARD STATEMENTS:

Suspected of causing cancer.

PRECAUTIONARY STATEMENTS:

Prevention:

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF exposed or concerned: Get medical advice/attention:

Storage: Store locked up.

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

HAZARDS NOT OTHERWISE SPECIFIED:

Not applicable.

OTHER INFORMATION:

*May be harmful in contact with skin.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT	TRADE SECRET
Limestone	1317-65-3	90-100	*
Asphalt (at ambient temperature)	8052-42-4	0-10	*
Fuel oil	68476-33-5	0-10	*

4. First Aid Measures

EMERGENCY OVERVIEW

WARNING: Contains petroleum distillate. Harmful or fatal if swallowed. Vapor harmful. May affect the brain or central nervous system causing dizziness, headache, or nausea. Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. International misuse by deliberately concentrating and inhaling content may be harmful or fatal.

EYES: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

SKIN: Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions, see a physician.

INHALATION:

Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get medical attention immediately.

INGESTION:

Not an expected route of exposure. If swallowed, do not induce vomiting. Get medical attention immediately.

SELF-PROTECTION OF THE FIRST AIDER:

First aider: Pay attention to self-protection!

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

May cause skin irritation. May cause eye irritation.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Note to Physician: Treat symptomatically.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO₂). Sand. Use foam or water FOG as a last resort.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Do not use a solid water stream as it may scatter and spread fire.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

No information available.

HAZARDOUS COMBUSTION PRODUCTS:

Thermal decomposition (burning) may release irritating, corrosive, and/or toxic gases, vapors and fumes.

Explosion Data:

Sensitivity to Mechanical Impact: Not sensitive.

Sensitivity to Static Discharge: May be ignited by heat, sparks or flames.
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:
 As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures
PERSONAL PRECAUTIONS:
 No action should be taken involving any personal risk or without suitable training. Use personal protective equipment as required. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Use personal protection as recommended in Section 8.
ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:
 Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering sewers, drains or waterways. Local authorities should be advised if significant spillages cannot be contained. See Section 12 for additional ecological information. Contain spillage with non-combustible absorbent material, e.g. sand, earth, diatomaceous earth, vermiculite. Pick up the absorbed material (described just above) and transfer to properly labeled containers for disposal according to local/national regulations (see Section 13). Clean contaminated objects and areas thoroughly observing environmental regulations.


7. Handling and Storage
SAFE HANDLING:
 Use personal protective equipment as required. Remove all sources of ignition. Use only outdoors. All equipment used when handling the product must be grounded.
SAFE STORAGE & INCOMPATIBILITIES:
 Keep containers tightly closed in a cool, dry, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition. Use spark-proof tools and explosion-proof equipment. Incompatible with strong acids and strong oxidizing agents.

8. Exposure Controls / Personal Protection

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
Limestone 1317-65-3	-	TWA: 15 mg/m ³ total dust 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust 5 mg/m ³ respirable dust
Asphalt (at ambient temperature) 8052-42-4	TWA 0.5 mg/m ³ benzene soluble aerosol fume, inhalable fraction	-	Ceiling: 5 mg/m ³ fume 15 min

ENGINEERING CONTROL:
 Use natural cross ventilation, local (mechanical) pick-up, and/or general area mechanical cross ventilation. Ventilation pattern should be designed to prevent accumulation of asphalt vapors. Ventilation must be sufficient to maintain asphalt vapor concentrations below the TWA limits outlined above.

PERSONAL PROTECTIVE EQUIPMENT:



Eye/face protection: Wear safety glasses with side shields (or goggles).
Skin and body protection: Wear protective gloves and protective clothing that is resistant to chemical penetration.
Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, a NIOSH/MSHA approved respiratory protection should be worn.
Hygiene Considerations: Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

9. Physical & Chemical Properties

Appearance:	Viscous.	Flammability(solid/gas):	No information available.
Physical State:	Solid.	Upper Flammability Limit:	No information available.
Color:	Black.	Lower Flammability Limit:	No information available.
Odor:	Solvent (mineral spirits).	Vapor Density:	No information available.
Odor Threshold:	No information available.	Vapor Pressure:	No information available.
pH:	Not applicable.	Solubility (water):	Insoluble.
Melting/Freezing Point:	No information available.	Other solvents:	No information available.
Boiling Point/Range:	No information available.	Auto-Ignition Temperature:	No information available.
Explosive Properties:	No information available.	Decomposition Temperature:	No information available.
Oxidizing Properties:	None.	Viscosity (kinematic):	No information available.
Flash Point:	>93°C / >>200°F	Viscosity (dynamic):	No information available.
Specific Gravity:	No information available.	Partition Coeff (n-octanol/water):	No information available.
Softening Point:	No information available.	VOC Content (%):	No information available.
Molecular Weight:	No information available.	Bulk Density:	No information available.
Density:	No information available.	Evaporation Rate:	No information available.

10. Stability & Reactivity Information
REACTIVITY:
 Not applicable.
CHEMICAL STABILITY:
 Stable.
POSSIBILITY OF HAZARDOUS REACTIONS:
 None under normal use.
Hazardous polymerization: Hazardous polymerization does not occur.

INCOMPATIBLE MATERIALS:

Strong acids. Strong oxidizing agents.

CONDITIONS TO AVOID:

Avoid static discharge. Avoid heat, sparks, and open flame.

DECOMPOSITION PRODUCTS:

Combustion may produce carbon monoxide, carbon dioxide, and other asphyxiants.

11. Toxicological Information**PRIMARY ROUTE OF EXPOSURE:****PRODUCT INFORMATION:** Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.**EYES:** Avoid contact with eyes. Contact with eyes may cause irritation.**SKIN:** May cause irritation.**INHALATION:** Avoid breathing vapors or mists.**INGESTION:** If swallowed, do not induce vomiting. Get medical attention immediately. Not an expected route of exposure.**COMPONENT INFORMATION:**

*The IARC Monograph (Vol. 103, 2013, Bitumen and Bitumen Emissions) defines Asphalt as 'Group 2B, Possible Carcinogen to Humans.' This definition is based on studies of exposure to Asphalt fumes at elevated temperatures. The Monograph states that temperature plays an important role in determining the degree of exposure and also the carcinogenic potential of bitumen emissions. This same Monograph states that Asphalt is nonvolatile at ambient temperature. There is no data presented in the Monograph to demonstrate that Asphalt at ambient temperature is considered a carcinogen. Since the normal use of this product is at ambient temperature, the Asphalt used in this product is not listed as a carcinogen. No other national or international agency has defined Asphalt as a carcinogen.

CHEMICAL NAME	ORAL LD50	DERMAL LD 50	INHALATION LC50
Asphalt (at Ambient Temperature) 8052-42-4	>5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	-

ACUTE TOXICITY:

Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

DELAYED & IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT & LONG-TERM EXPOSURE:**Skin corrosion/irritation:** Can cause skin irritation.**Serious eye damage/irritation:** Irritating to eyes.**Irritation:** Irritating to eyes, respiratory system and skin.**Corrosivity:** Not classified.**Sensitization:** May cause sensitization of susceptible persons.**Germ cell mutagenicity:** This product does not contain any ingredients that cause germ cell mutagenicity.**Carcinogenicity:** The table below indicates whether each agency (ACGIH, IARC, NTP, or OSHA) has listed any ingredient as a carcinogen.

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
Fuel oil 68476-33-5	-	Group 2B	-	X

Legend**ACGIH (American Conference of Governmental Industrial Hygienists)**

A1-Known Human Carcinogen

A2-Suspected Human Carcinogen

A3-Animal Carcinogen

A4-Not Classifiable as a Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1-Carcinogenic to Humans

Group 2A-Probable Carcinogenic to Humans

Group 2B-Possibly Carcinogenic to Humans

Group 3-Not classifiable as a human carcinogen

NTP (National Toxicology Program)

Known-Known Carcinogen

Reasonably Anticipated-Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X-Present

REPRODUCTIVE TOXICITY: None known for product as a whole.**Developmental Toxicity:** None known for product as a whole.**Teratogenicity:** None known.**STOT-SINGLE EXPOSURE:**

No information available.

STOT-REPEATED EXPOSURE:

No information available.

ASPIRATION HAZARD:

No information available.

NUMERICAL MEASURES OF TOXICITY:

No information available.

The following values are calculated based on chapter 3.1 of the GHS document: For exterior use only. Do not use indoors.

ATEmix (oral): 5,005.00**ATEmix (dermal):** 2,002.00**12. Ecological Information****ECOTOXICITY:**

98% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

CHEMICAL NAME	ALGAE/AQUATIC PLANTS	FISH	CRUSTACEA
Fuel oil 68476-33-5	-	35: 96 h Pimephales promelas mg/L LC50 flow-through 48: 96 h Brachydanio rerio mg/L LC50 semi-static	-

PERSISTENCE AND DEGRADABILITY:

No information available.

BIOACCUMULATION: No information available.		
CHEMICAL NAME	PARTITION COEFFICIENT	
Asphalt (at Ambient Temperature) 8052-42-4	6	
OTHER ADVERSE EFFECTS: No information available.		

13. Disposal Consideration
 Disposal should be in accordance with applicable local, regional, national and international laws and regulations. Do not reuse container.

14. Transportation Information

DOT:	Proper shipping name: Not regulated
TDG:	Unknown.
MEX:	Unknown.
ICAO (air):	Unknown.
IATA:	Unknown.
IMDG:	Unknown.
RID:	Unknown.
ADR:	Unknown.
AND:	Unknown.

15. Regulatory Information

INTERNATIONAL INVENTORIES:
TSCA: All of the components of this product are listed on the US TSCA (Toxic Substances Control Act) Inventory or are exempt.
DSL/NDSL: All of the components of this product are listed on the DSL.
Legend:
TSCA-United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL-Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCD-European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.
ENCS-Japan Existing and New Chemical Substances
IECSC-China Inventory of Existing Chemical Substances
KECL-Korean Existing and Evaluated Chemical Substances
PICCS-Philippines Inventory of Chemicals and Chemical Substances
AICS-Australian Inventory of Chemical Substances

US FEDERAL REGULATIONS
SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372
SARA 311/312 Hazard Categories:
Acute health hazard: Yes.
Chronic health hazard: Yes.
Fire hazard: No.
Sudden release of pressure hazard: No.
Reactive hazard: No.
CWA(Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42
CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

US STATE REGULATIONS:
California Proposition 65: This product does not contain any Proposition 65 chemicals.
US STATE RIGHT-TO-KNOW REGULATIONS: This product contains the following substances regulated by various State Right-to-Know regulations.

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA
Limestone 1317-65-3	X	X	X
Asphalt (at ambient temperature) 8052-42-4	X	X	X
Fuel oil 68476-33-5	X	-	X

US EPA Label Information: EPA Pesticide Registration Number: Not applicable.

16. Other Information

DISCLAIMER:
 To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability 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 used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.