

Issue date 21-May-2018

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Revision Number 1

1. IDENTIFICATION**Product identification**

Product identifier Drummond™ Tamper All Weather Asphalt Repair Cold Patch

Other means of identification DN4280

Recommended use Repair Material

Restrictions on use For industrial use only

Supplier

Corporate Headquarters:
Drummond™, A Lawson Brand
Lawson Products, Inc.
8870 W. Bryn Mawr Ave., Suite 900
Chicago, IL 60631
(866) 837-9908

Canadian Distribution Center:
Lawson Canada
7315 Rapistan Court
Mississauga, ON L5N 5Z4
(800) 323-5922

24 Hour Emergency Phone Number (888) 426-4851 (Prosar)

2. HAZARD(S) IDENTIFICATION

Hazard Classification This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin corrosion/irritation	Category 2
Carcinogenicity	Category 1B
Specific target organ toxicity (repeated exposure)	Category 2

Symbol**Signal word**

DANGER

Hazard statements

None known
H315 - Causes skin irritation
H350 - May cause cancer
H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary statements

General	P101 - If medical advice is needed, have product container or label at hand P102 - Keep out of reach of children P103 - Read label before use.
Prevention	P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P260 - Do not breathe dust/fume/gas/mist/vapors/spray P264 - Wash skin thoroughly after handling P280 - Wear protective gloves/protective clothing and eye/face protection
Response	
Eyes	Not applicable
Skin	P302 + P352 - IF ON SKIN: Wash with plenty of soap and water P308 + P313 - IF exposed or concerned: Get medical advice/attention P314 - Get medical advice/attention if you feel unwell. P321 - Specific treatment (see supplemental first aid instructions on this label) P332 + P313 - If skin irritation occurs: Get medical advice/attention P362 - Take off contaminated clothing and wash before reuse
Inhalation	Not applicable
Ingestion	Not available
Fire	Not applicable
Spill	Not applicable
Storage	P405 - Store locked up
Disposal	P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable
Hazard(s) Not Otherwise Classified (HNOC)	None known.
Physical Hazards Not Otherwise Classified (PHNOC)	None known.
Unknown acute toxicity	None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition Mixture.

Chemical name	CAS-No	Weight %
Limestone	1317-65-3	91-97
Asphalt	8052-42-4	2-8
Petroleum Solvent	68476-34-6	1-3
Quartz (Crystalline Silica)	14808-60-7	0.091-0.97

4. FIRST-AID MEASURES

Necessary first-aid measures

Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Immediate medical attention is required. Oxygen or artificial respiration if needed. Call a physician or Poison Control Center if you feel unwell. Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Ingestion	Do NOT induce vomiting. Vomiting may cause aspiration pneumonia. Seek medical attention immediately. Keep warm and quiet. Never give anything by mouth to an unconscious person. Rinse mouth.
Skin contact	Remove and wash contaminated clothing before re-use. Wash off immediately with soap and plenty of water. Seek medical attention if irritation persists. Remove contaminated clothing and footwear. Wash contaminated clothing before re-use. Flush skin with water and follow by washing skin with soap and water. Seek medical attention if irritation occurs. Follow all label directions.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Have eyes examined and treated by medical personnel. Seek medical attention if irritation persists.
Most important symptoms (acute)	May cause drowsiness or dizziness. May cause respiratory irritation. Causes serious eye irritation. Causes skin irritation.
Most important symptoms (over-exposure)	Dizziness. Headache. Nausea. Respiratory irritation. Causes skin irritation. Eye irritation. Redness. Blurred vision. Tearing.
Indication of any immediate medical attention and special treatment needed	Not available.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Foam. Dry powder. Carbon dioxide (CO2). Water mist. Sand.
Unsuitable extinguishing media	Heavy water stream.
Specific hazards	Fuel gas torches and soldering irons used for welding, brazing and soldering can ignite combustibles.
Special protective equipment for fire-fighters	Water fog may be used to cool containers, but don't spray directly into large containers of burning liquid as frothing may occur. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Avoid directing water stream directly into flame; it may cause frothing with subsequent spread of flame.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Evacuate area of unprotected and unnecessary personnel. Ventilate the area. Use personal protection recommended in Section 8.
Methods and materials for containment and cleaning up	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). Vacuum or sweep material and place in a disposal container. Avoid dust formation. Store away from other materials.

7. HANDLING AND STORAGE

**Precautions for
safe handling**

Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Wash contaminated clothing before reuse.

**Conditions for safe
storage, including any
incompatibilities**

Store in original container. Keep in a dry, cool and well-ventilated place. Keep container closed when not in use. Incompatible with strong acids and bases. Protect from sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Limestone	15 mg/m ³ TWA 5 mg/m ³ TWA	-	10 mg/m ³ TWA 5 mg/m ³ TWA
Asphalt	-	0.5 mg/m ³ TWA	-
Petroleum Solvent	-	100 mg/m ³ TWA Skin	-
Quartz (Crystalline Silica)	50 µg/m ³ TWA 50 µg/m ³ TWA	0.025 mg/m ³ TWA	0.05 mg/m ³ TWA

**Appropriate engineering
controls**

Not available.

**Individual protection measures,
such as personal protective
equipment**

Eye protection

Use safety eyewear designed to protect against splash of liquids. Face shield is recommended. ANSI approved safety glasses or splash goggles are recommended.

Skin and body protection

Impervious clothing. Impervious shoes. Wear protective gloves and protective clothing.

Respiratory protection

Wear appropriate mask.

Hygiene measures

Wash hands after handling the product. Remove and wash contaminated clothing before re-use. When using, do not eat, drink or smoke.

**Canadian Province Occupational
Exposure Limits**

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundl and & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatche wan - OEL
Limestone	10 mg/m ³ TWA	20 mg/m ³ STEL 10 mg/m ³ TWA 3 mg/m ³ TWA	-	10 mg/m ³ TWA	-	-	-	-	10 mg/m ³ TWA EV	20 mg/m ³ STEL 10 mg/m ³ TWA
Asphalt	5 mg/m ³ TWA	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	5 mg/m ³ TWA	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	5 mg/m ³ TWA EV	1.5 mg/m ³ STEL 0.6 mg/m ³ STEL 0.5 mg/m ³ TWA 0.2 mg/m ³ TWA

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundl and & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatche wan - OEL
Petroleum Solvent	100 mg/m ³ TWA	100 mg/m ³ TWA	100 mg/m ³ TWA	-	100 mg/m ³ TWA	100 mg/m ³ TWA	100 mg/m ³ TWA	100 mg/m ³ TWA	-	150 mg/m ³ STEL 100 mg/m ³ TWA
Quartz (Crystalline Silica)	0.025 mg/m ³ TWA	0.025 mg/m ³ TWA	0.025 mg/m ³ TWA	0.1 mg/m ³ TWA	0.025 mg/m ³ TWA	0.025 mg/m ³ TWA	0.10 mg/m ³ TWA	0.025 mg/m ³ TWA	0.1 mg/m ³ TWA EV	0.05 mg/m ³ TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Color	Black
Odor	Tar Petroleum
Odor threshold	Not available
pH	Not available
Melting point/range °C	Not available
Melting point/range °F	Not available
Boiling point/range °C	Not available
Boiling point/range °F	Not available
Flash point °C	>93.33
Flash point °F	>200
Flash point method used	Cleveland closed cup
Evaporation rate	Slower than ether
Flammability (Solid, Gas)	Not available
Lower explosion limit	Not available
Upper explosion limit	Not available
Vapor pressure	Not available
Vapor density	heavier than air
Relative density	Not available
Solubility	Negligible
Partition coefficient (n-octanol/water)	Not available
Autoignition temperature °C	Not available
Autoignition temperature °F	Not available

Decomposition temperature °C Not available

Decomposition temperature °F Not available

Viscosity Not available

10. STABILITY AND REACTIVITY

Reactivity Stable under normal conditions.

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions None known.

Conditions to avoid Avoid direct sunlight. Avoid extreme cold. Avoid extreme heat.

Incompatible materials Incompatible with strong acids and bases.

Hazardous decomposition products Carbon dioxide (CO₂). Fumes. Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Not available.

Symptoms Causes skin irritation. May cause cancer. Dizziness. Nausea. Headache. May cause respiratory irritation. Eye irritation. Redness. Blurred vision. Tearing.

Delayed and immediate effects as well as chronic effects from short and long-term exposure May cause damage to organs through prolonged or repeated exposure.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Limestone	-	-	-
Asphalt	-	> 2000 mg/kg (Rabbit)	> 5000 mg/kg (Rat)
Petroleum Solvent	-	-	-
Quartz (Crystalline Silica)	-	-	-

ATEmix (dermal) 320634.6 mg/kg

ATEmix (oral) 117341.8 mg/kg

ATEmix (inhalation-gas) 4500 ppmV/4h

ATEmix (inhalation-vapor) 11.0 mg/l/4h

ATEmix (inhalation-dust/mist) 1.500 mg/l/4h

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Limestone	-	-	-	-
Asphalt	A4	Group 2B	Listed	-
Petroleum Solvent	A3	Group 3	-	-
Quartz (Crystalline Silica)	A2	Group 1	Listed	Known

**Canadian Province
carcinogenicity limits**

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Limestone	-	-	-	-	-	-
Asphalt	-	IARC 2A IARC 2B	ACGIH A4	ACGIH A4	ACGIH A4	-
Petroleum Solvent	-	-	ACGIH A3	-	ACGIH A3	-
Quartz (Crystalline Silica)	A2 - Suspected Human Carcinogen	ACGIH A2 IARC 1	ACGIH A2	-	ACGIH A2	C2 carcinogen

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Limestone	-	-
Asphalt	-	-
Petroleum Solvent	-	35: 96 h Pimephales promelas mg/L LC50 flow-through
Quartz (Crystalline Silica)	-	-

Persistence and degradability May cause long-term adverse effects in the environment.

Bioaccumulation Bioaccumulative potential

Chemical name	CAS-No	Partition coefficient (log Kow)
Limestone 1317-65-3	1317-65-3	-
Asphalt 8052-42-4	8052-42-4	>6
Petroleum Solvent 68476-34-6	68476-34-6	-
Quartz (Crystalline Silica) 14808-60-7	14808-60-7	-

Mobility in soil Not available.

Other adverse effects None known

13. DISPOSAL CONSIDERATIONS

Disposal information	Use old or contaminated material as a base for fresh product. Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations.
Contaminated packaging	Avoid release to the environment.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT	
Proper shipping name	Not regulated
TDG	
Proper shipping name	Not regulated
IATA	
Proper shipping name	Not regulated
IMDG/IMO	
Proper shipping name	Not regulated

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Limestone	1317-65-3	-	-	-
Asphalt	8052-42-4	-	-	-
Petroleum Solvent	68476-34-6	-	-	-
Quartz (Crystalline Silica)	14808-60-7	-	-	-

15. REGULATORY INFORMATION

State regulations

U.S. state Right-to-Know regulations

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Limestone	1317-65-3	X	X	X
Asphalt	8052-42-4	X	X	X
Petroleum Solvent	68476-34-6	-	-	-
Quartz (Crystalline Silica)	14808-60-7	X	X	X

California Prop. 65

WARNING: This product contains a chemical(s) known to the state of California to cause cancer

Chemical name	CAS-No	California Prop. 65
Limestone	1317-65-3	-
Asphalt	8052-42-4	-
Petroleum Solvent	68476-34-6	-

Chemical name	CAS-No	California Prop. 65
Quartz (Crystalline Silica)	14808-60-7	Carcinogen

U.S. Federal Regulations

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Limestone	1317-65-3	-	-
Asphalt	8052-42-4	-	-
Petroleum Solvent	68476-34-6	-	-
Quartz (Crystalline Silica)	14808-60-7	-	-

US EPA SARA 311/312 hazardous categorization

Not available

International inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA 8(b)), Canada (DSL/NDSL) or are exempt.

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Limestone	X	X	-
Asphalt	X	X	-
Petroleum Solvent	X	X	-
Quartz (Crystalline Silica)	X	X	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health Not available
Flammability Not available
Instability Not available

HMIS

Health Not available
Flammability Not available
Physical hazards Not available

Notice: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

Prepared by Regulatory Affairs

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Revision note

Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)
ATE (Average Toxicity Estimate)
DSL/NDSL (Domestic Substance List/Non-Domestic Substance List)
HMIS (Hazardous Materials Identification System)
IARC (International Agency for Research on Cancer)
IATA (International Air Transport Association)
IMDG/IMO (International Maritime Dangerous Goods/International Maritime Organization)
NFPA (National Fire Protection Association)
NTP (National Toxicology Program)
OEL (Occupational Exposure Level)
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
PEL (Permissible Exposure Limit)
TSCA (Toxic Substance Control Act)
USEPA (United States Environmental Protection Agency)

Disclaimer

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

End of Safety Data Sheet