

Safety Data Sheet

Issue date 21-Sep-2018

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Revision Number 1

1. IDENTIFICATION

Product identification

Product identifier Drummond™ Pedigree Gray Two Part Water Borne Epoxy Floor Coating - Resin

Other means of identification DL4181A

Recommended use Coating

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).

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Hazardous to the aquatic environment, long-term hazard	Category 3

Symbol



Signal word WARNING

Hazard statements H302 - Harmful if swallowed
H315 - Causes skin irritation
H412 - Harmful to aquatic life with long lasting effects

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	P264 - Wash hands thoroughly after handling P280 - Wear protective gloves/protective clothing and eye/face protection P270 - Do not eat, drink or smoke when using this product P273 - Avoid release to the environment
Response	
General	P321 - For Specific treatment see section 4 of this sds
Skin	P302 + P352 - IF ON SKIN: Wash with plenty of soap and water P362 - Take off contaminated clothing and wash before reuse P332 + P313 - If skin irritation occurs: Get medical advice/attention
Ingestion	P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell P330 - Rinse mouth
Storage	Not applicable
Disposal	P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable
Hazard(s) Not Otherwise Classified (HNOC)	Causes mild skin irritation. May cause allergic skin reaction. Defatting the skin. May cause eye irritation.
Physical Hazards Not Otherwise Classified (PHNOC)	Not available.
Unknown acute toxicity	No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition Mixture.

Chemical name	CAS-No	Weight %
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	60-100
Alkyl (C12-14) glycidyl ether	68609-97-2	10-30
Benzyl alcohol	100-51-6	10-13
Triisopropanolamine	122-20-3	.1-1
Poly(oxy-1,2-ethanediyl), a-octadecyl-w-hydroxy-	9005-00-9	.1-1

The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST-AID MEASURES

Necessary first-aid measures

General Information	Show this safety data sheet to the doctor in attendance. If symptoms occur, follow first aid measures as appropriate.
Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

Ingestion	Do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.
Skin contact	Wash off immediately with soap and plenty of water. Continue to rinse for at least 20 minutes. Seek medical attention if irritation persists.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lift eyelids occasionally. Get prompt medical attention.
Most important symptoms (acute)	May cause skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). May cause allergic skin reaction. May cause eye irritation. burning. Tearing. redness. If left untreated, corneal damage can occur and injury is slow to heal. May cause respiratory irritation. Headache. Nausea or vomiting.
Most important symptoms (over-exposure)	Not available.
Indication of any immediate medical attention and special treatment needed	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Water spray may be ineffective.
Specific hazards	Thermal decomposition can lead to release of irritating and toxic gases and vapors. In combustion emits toxic fumes of carbon dioxide, carbon monoxide and nitrogen oxides.
Special protective equipment for fire-fighters	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, protective equipment and emergency procedures	Wear personal protective equipment. Avoid breathing vapor or mist. Evacuate area of unprotected and unnecessary personnel. Ensure adequate ventilation.
Methods and materials for containment and cleaning up	Stop leak if you can without risk. Dike to collect large liquid spills. After cleaning, flush away traces with water. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Avoid discharge into drains, water courses or onto the ground. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs.

7. HANDLING AND STORAGE

Precautions for safe handling	Use in a well ventilated area. Empty containers retain product residue and can be hazardous. Handle empty containers with care because residual vapors are flammable. Flush empty containers with water to remove residual flammable vapors. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with clothing.
Conditions for safe storage, including any	Keep container closed when not in use. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from food, beverages, and feed. Keep away from open

incompatibilities

flames, hot surfaces and sources of ignition. Keep away from incompatible materials. Store in original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-
Alkyl (C12-14) glycidyl ether	-	-	-
Benzyl alcohol	-	-	-
Triisopropanolamine	-	-	-
Poly(oxy-1,2-ethanediyl), a-octadecyl-w-hydroxy-	-	-	-

Appropriate engineering controls

A safety shower and eye wash station should be available for emergency use. Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits.

Individual protection measures, such as personal protective equipment

Eye protection

Safety glasses with side-shields. Tightly fitting safety goggles. Contact lenses should not be worn.

Skin and body protection

Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield. For prolonged or repeated skin contact, use a chemically resistant glove such as nitrile or neoprene. Wash hands with soap and water after removing gloves. Dry hands thoroughly before re-applying gloves.

Respiratory protection

Wear a NIOSH approved organic vapor respirator. Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Hygiene measures

Wash hands after handling the product. Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes and clothing.

Canadian Province Occupational Exposure Limits

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland and Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-	-	-	-	-	-	-	-
Alkyl (C12-14) glycidyl ether	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	-	-	-	-	-	-	-	-	-	-
Triisopropanolamine	-	-	-	-	-	-	-	-	-	-
Poly(oxy-1,2-ethanediyl), a-octadecyl-w-hydroxy-	-	-	-	-	-	-	-	-	-	-

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Clear, Opaque
Odor	Mild
Odor threshold	No information available
pH	No data available
Melting point/range °C	Not applicable
Melting point/range °F	Not applicable
Boiling point/range °C	No data available
Boiling point/range °F	No data available
Flash point °C / °F	No data available
Evaporation rate	No data available
Flammability (Solid, Gas)	Not available
Lower explosion limit	Not available
Upper explosion limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	1.0951644
Solubility	partly miscible
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	Not available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous	Under normal conditions of storage and use, hazardous reactions will not occur.

reactions

Conditions to avoid	Avoid heat, sparks, and other sources of ignition. Avoid open flames. Keep from excessive heat.
Incompatible materials	Incompatible with strong acids and bases. Oxidizing agents. Avoid contact with amines.
Hazardous decomposition products	During combustion carbon monoxide and/or carbon dioxide may be formed. Nitrogen oxides (NOx). phenolics due to combustion.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Dermal. Ingestion. Inhalation. Eyes.

Symptoms Eye irritation. Irritating to skin. Corrosive to the skin.

Delayed and immediate effects as well as chronic effects from short and long-term exposure The product or a component may be mutagenic, the data is inconclusive. Rats exposed orally to 800 mg/kg benzyl alcohol for thirteen weeks exhibited CNS depression and histopathological changes in the brain, thymus and skeletal muscles. The NOAEL was 400 mg/kg. No evidence of carcinogenicity was seen in a two-year study with rats and mice.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-
Alkyl (C12-14) glycidyl ether	-	> 3987 mg/kg (Rabbit)	= 17100 mg/kg (Rat)
Benzyl alcohol	= 8.8 mg/L (Rat) 4 h	= 2 g/kg (Rabbit)	= 1230 mg/kg (Rat)
Triisopropanolamine	-	-	= 4730 mg/kg (Rat)
Poly(oxy-1,2-ethanediyl), a-octadecyl-w-hydroxy-	-	-	= 1900 mg/kg (Rat) = 2900 mg/kg (Rat)

ATEmix (dermal) Not available

ATEmix (oral) Not available

ATEmix (inhalation-gas) Not available

ATEmix (inhalation-vapor) Not available

ATEmix (inhalation-dust/mist) Not available

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-	-
Alkyl (C12-14) glycidyl ether	-	-	-	-
Benzyl alcohol	-	-	-	-
Triisopropanolamine	-	-	-	-
Poly(oxy-1,2-ethanediyl), a-octadecyl-w-hydroxy-	-	-	-	-

**Canadian Province
carcinogenicity limits**

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-	-	-	-
Alkyl (C12-14) glycidyl ether	-	-	-	-	-	-
Benzyl alcohol	-	-	-	-	-	-
Triisopropanolamine	-	-	-	-	-	-
Poly(oxy-1,2-ethanediyl), a-octadecyl-w-hydroxy-	-	-	-	-	-	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

See information below

Chemical name	Algae/aquatic plants	Fish
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-
Alkyl (C12-14) glycidyl ether	-	-
Benzyl alcohol	35: 3 h <i>Anabaena variabilis</i> mg/L EC50	460: 96 h <i>Pimephales promelas</i> mg/L LC50 static 10: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static
Triisopropanolamine	-	-
Poly(oxy-1,2-ethanediyl), a-octadecyl-w-hydroxy-	-	-

Persistence and degradability

Not available.

Bioaccumulation

Low bioaccumulation potential. Biodegradation under aerobic static laboratory conditions is below detectable limits.

Chemical name	CAS-No	Partition coefficient (log Kow)
Diglycidyl Ether Bisphenol A Epoxy Resin 25085-99-8	25085-99-8	-
Alkyl (C12-14) glycidyl ether 68609-97-2	68609-97-2	-
Benzyl alcohol 100-51-6	100-51-6	1.1
Triisopropanolamine 122-20-3	122-20-3	-
Poly(oxy-1,2-ethanediyl), a-octadecyl-w-hydroxy- 9005-00-9	9005-00-9	-

Mobility in soil

Not available.

Other adverse effects

Not available

13. DISPOSAL CONSIDERATIONS

Disposal information	The generation of waste should be avoided or minimized wherever possible. Do not dispose of with household waste. Do not dispose of in landfill. Do not allow contact with sewers or waterways. Comply with all Federal, State and Local regulations. Incinerate in admixture with fuel equipped with a scrubber to remove nitrogen oxides and carbon monoxide. Disposal of in permitted waste management facility if incineration or landfill is not practicable.
Contaminated packaging	Dispose in accordance with local, state and federal regulations.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT

Proper shipping name Not regulated

TDG

Proper shipping name Not regulated

IATA

ID-No UN3082
Proper shipping name Environmentally hazardous substance, liquid, n.o.s. (4, 4'-Isopropylidenediphenol)
Hazard Class(es) 9
Packing group III
Special Provisions LTD QTY 30 kg G or <

IMDG/IMO

ID-No UN3082
Proper shipping name Environmentally hazardous substance, liquid, n.o.s. (4, 4'-Isopropylidenediphenol)
Hazard Class(es) 9
Packing group III
EmS No F-A, S-F
Special Provisions LTD QTY 5L or <

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	-	-	-
Alkyl (C12-14) glycidyl ether	68609-97-2	-	-	-
Benzyl alcohol	100-51-6	-	-	-
Triisopropanolamine	122-20-3	-	-	-
Poly(oxy-1,2-ethanediyl), a-octadecyl-w-hydroxy-	9005-00-9	-	-	-

Special Precautions

Multi-modal shipping descriptions are provided for informational purposes and do not consider container size. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

15. REGULATORY INFORMATION

State regulations

U.S. state Right-to-Know regulations

See information below

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	-	-	-
Alkyl (C12-14) glycidyl ether	68609-97-2	-	-	-
Benzyl alcohol	100-51-6	X	-	X
Triisopropanolamine	122-20-3	X	-	X
Poly(oxy-1,2-ethanediyl), a-octadecyl-w-hydroxy-	9005-00-9	-	-	-

California Prop. 65

Not Listed

Chemical name	CAS-No	California Prop. 65
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	-
Alkyl (C12-14) glycidyl ether	68609-97-2	-
Benzyl alcohol	100-51-6	-
Triisopropanolamine	122-20-3	-
Poly(oxy-1,2-ethanediyl), a-octadecyl-w-hydroxy-	9005-00-9	-

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. Federal Regulations

US EPA SARA 313

This product contains no listed chemicals subject to reporting

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	-	-
Alkyl (C12-14) glycidyl ether	68609-97-2	-	-
Benzyl alcohol	100-51-6	-	-
Triisopropanolamine	122-20-3	-	-
Poly(oxy-1,2-ethanediyl), a-octadecyl-w-hydroxy-	9005-00-9	-	-

US EPA SARA 311/312 hazardous categorization

Acute Health Hazard
Chronic Health Hazard

International inventories

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

Chemical name	DSL/NDL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Diglycidyl Ether Bisphenol A Epoxy Resin	X	X	-
Alkyl (C12-14) glycidyl ether	X	X	-
Benzyl alcohol	X	X	-
Triisopropanolamine	X	X	-
Poly(oxy-1,2-ethanediyl),	X	X	-

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
a-octadecyl-w-hydroxy-			

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health	2
Flammability	1
Instability	0

HMIS

Health	2
Flammability	1
Physical hazards	0
Personal protection	X

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