

DENDRITICS LLC POLY-PLUS

SAFETY

DATA

SHEET

Effective Date: 05/01/2021

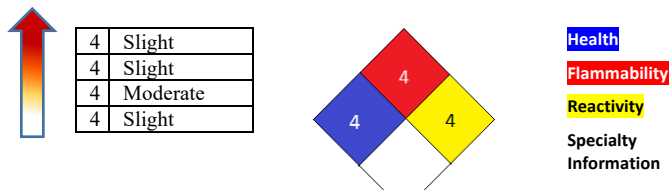

Email: info@dendriticsllc.com

Emergency # Infotrac (800) 535-5053

SECTION I: IDENTIFICATION

PRODUCT NAME: DS-400 Decking, Log and Wood Siding
CHEMICAL NAME & SYNONYMS: Aqueous Dispersion of Polyurethane
PROCESSORS NAME: Dendritics LLC, 540 N. Commercial Street, 3rd Floor Manchester, NH 03101
 Phone: (603) 966-3076 • www.dendriticsllc.com
CAS #: Not Issued
CHEMICAL FAMILY:
CHEMICAL FORMULA:

SECTION II: HAZARD IDENTIFICATION

HAZARD STATEMENTS	NEW GHS SCALE
H313 May cause mild skin irritation. H320 Causes eye irritation. H303 May be harmful if swallowed. H333 May be harmful if inhaled.	 <p>4 Slight 4 Slight 4 Moderate 4 Slight</p> <p>Health Flammability Reactivity Specialty Information</p>
	<p>Personal Protective Equipment</p> 

PRECAUTIONARY STATEMENTS

- P261 Avoid breathing dust/fume/gas/mist/ vapors/ spray.
 P363 Wash contaminated clothing before reuse.
 P281 Use personal protective as required
 P264 Wash hands thoroughly after handling.
 P271 Use only outdoors or in well-ventilated area.

READ THE ENTIRE SDS FOR MORE THOROUGH EVALUATION OF THE HAZARDS

SECTION III: COMPONENTS

The criteria for listing components in the composition section according to OSHA regulations are as follows: carcinogens are listed when present as 0.1% or greater; components, which are otherwise hazardous, are listed when present at 1.0% or greater. Other ingredients may be listed that are not deemed hazardous.

INGREDIENTS	CAS NUMBER (Trade secret no.)	% BY WT.
Propylene Glycol (winter grade)	0-1%	

*Non-hazardous substances.

The concentrations shown in the substance list are maximum or ceiling levels (weight %) to be used for calculations for regulations.

SECTION IV: FIRST AID MEASURES

EYE:	May cause eye irritation. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF eye irritation persists: Get medical advice/attention.
SKIN:	May cause mild skin irritation. IF ON SKIN: wash with plenty of soap and water. IF SKIN irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
INHALATION:	May be harmful if inhaled. IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
INGESTION:	May be harmful if swallowed. IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician IF you feel unwell.

SECTION V: FIRE AND EXPLOSION HAZARD DATA

Flashpoint:	> 201 °F (94 °C)
Lower explosion limit:	Not available
Upper explosion limit:	Not available
Self-ignition:	Not available
Ignition temperature:	Not available
Hazardous combustion products:	In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO), Carbon dioxide (CO ₂) and Nitrogen oxides (NO _x).
Extinguishing Media:	Water Dry powder Carbon dioxide Alcohol-resistant foam
Special firefighting procedure:	Firefighter should be equipped with self-containing breathing apparatus and turnout gear.
Unusual fire and explosion hazards:	None.

SECTION VI: SPILL, LEAK & DISPOSAL PROCEDURES

Steps to be taken in case of spill or leak:	Contain spill. Small spills absorbed on suitable absorbents, air dry then disposed in the trash. Larger spills should be collected as liquid or absorbed. Clean-up may be accomplished by flushing water if appropriate or remove contaminated soils. Place in appropriate containers.
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SECTION VII: HANDLING AND STORAGE

Ventilation:	Sufficient to keep vapor concentration below limits in Section 2
Storage:	Has shelf life of 12 months. Keep container closed. For industrial use only. Protect from freezing.
Advice on safe handling:	Wear proper protective equipment. Avoid breathing dust. Avoid contact with skin and eyes. Wash thoroughly after handling. Store in a dry place. Away from excessive heat, in original or similar waterproof containers. Keep containers tightly closed when not in use..
Further info on storage conditions:	Store in a cool, dry, well-ventilated area. Keep container sealed when not in use. Keep from freezing. Protect from extreme heat and cold.

SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:	Does not necessitate specific or particular measures, provided general health and safety procedures are respected
Respiratory protection:	Use NIOSH/MSHA approved respirators following manufacturer's recommendations where dust or fume may be generated.
Hand protection:	Nitrile or butyl rubber gloves
Eye protection:	Safety glasses or chemical splash goggles meeting ANSI 287.1 code.
Other protective equipment:	Clothing suitable to prevent skin contact.
Advice on system design:	Local ventilation recommended – mechanical ventilation may be used.
Additional information:	Remove contaminated gear and wash before wearing again. Wash separately from other laundry.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Semi translucent
Odor:	Slight odor
Odor limit:	Not available
pH:	Not available
Solubility in water:	Miscible
Soluble in...:	Not available
Specific Gravity:	1.055 g/cm ³
Melting point:	Not applicable
Boiling point:	Not available
Boiling range:	Not available
Auto-ignition temperature:	Not available
Flammability	Not available
Flash point:	> 201 °F
Vapor pressure:	>1
Bulk density:	8.53 lbs/gallon
Relative vapor density:	Not available

Partitioning coef. octanol/water:	Not applicable
Viscosity / (dynamic):	Not available
Viscosity / (kinematic):	Not available
VOC:	1.82 g/L
VOC	13.04 g/l Winter Grade

SECTION X: STABILITY AND REACTIVITY

Thermal decomposition:	Normal combustion products include carbon dioxide and carbon monoxide.
Chemical stability:	Stable if appropriately used.
Hazardous polymerization:	Will not occur.
Conditions to avoid:	Oxidizing agents.

SECTION XI: TOXICOLOGICAL INFORMATION

Product Information:

Acute oral toxicity:	Not available
Acute inhalation toxicity:	Not available
Acute dermal toxicity:	Not available
Skin irritation:	Not available
Eye irritation:	Not available
Sensitization:	Not available

Expected Route of Entry:

Inhalation:	Yes
Skin contact:	Yes
Eye contact:	Yes
Ingestion:	Yes
Skin absorption:	No

Known effects on other illnesses: pre-existing skin and respiratory conditions may be aggravated by exposure to this product.

Listed carcinogen:	IARC: No
	NTP: No
	OSHA: No
	Other: No

SECTION XII: ECOLOGICAL INFORMATION

Product Information:

Biodegradation:	This property is substance-specific and therefore cannot be given for the preparation.
Fish toxicity:	Not available
Daphnia toxicity:	Not available
Algae toxicity:	Not available
Bacteria toxicity:	Not available
Remarks:	Do not allow to enter soil, waterways or waste water. The product has not been tested. The information is derived from the properties of the individual components.

SECTION XIII: DISPOSAL CONSIDERATIONS

Waste disposal information:	Do not discharge into waterways or sewer system. Spilled materials and unused contents should be absorbed and incinerated in a licensed, permitted facility or landfill as a solid after cementation or encapsulation. Spilled material, empty
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containers and unused contents must be disposed of in accordance with applicable local, state and federal regulations.

SECTION XIV: TRANSPORTATION INFORMATION

DOT: Not restricted
IATA: Not restricted
IMDG: Not restricted
***Note** Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations.

SECTION XV: REGULATORY INFORMATION

TSCA Status: All components of this product are listed on the TSCA Inventory.

Massachusetts Substance List: None

SARA (section 311/312):

Reactive hazard:	No
Pressure hazard:	No
Fire hazard:	No
Immediate/acute:	Yes
Delayed/chronic:	Yes

SARA 313 information: This product does not contain any toxic chemicals subject to the reporting requirements of SARA Title III, section 313 and 40 CFR 372.

California Prop 65: This product does not contain any chemicals known to the state of California to cause cancer or birth defects.

SECTION XVI: OTHER INFORMATION

Hazardous Material Information System (HMIS)

Health	1
Flammability	0
Reactivity	0
PPE	B

Note: The customer is responsible for determining the PPE code for this material. At the time of publishing, the NFPA/HMIS and the New GHS scale had opposite scales of severity. Check the most recent publications for current information.

Date of Issue: 05/01/2021

Date of previous issue:

This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no

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