

SECTION 1 IDENTIFICATION

Product Name	Derbistick SA
Recommended Use	Self Adhering Roofing Base/Ply Sheet
Restrictions	None
Manufacturer	Performance Roof Systems
Address	4821 Chelsea Avenue Kansas City, MO 64130
Phone Number	(800) 727-9872
Emergency Number	(800) 424-9300 (CHEMTREC)

SECTION 2 HAZARDS

GHS Classification	As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200, the products listed below are considered articles and do not require an SDS. In addition, articles are not included in the scope of the Globally Harmonization System (GHS). As such, the GHS labeling elements are not included on this SDS. All components listed for this product are bound within the product. When handled as intended and under normal conditions of use, there is no evidence that any of the ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard or GHS labeling elements, DERBIGUM would like to disclose as much health and safety information as possible to ensure that this product is handled and used properly. This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and be made available for employees and other users of this product. In addition, the recommendations for handling and use of these products should be included in worker training programs.
Precautionary Statements	P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P210 - Keep away from open flames. - NO SMOKING P260 - Do not breathe fume, gas, vapors P264 - Wash hands, forearms and face thoroughly after handling P270 - Do not eat, drink or smoke when using this product P273 - Avoid release into the environment P280 - Wear protective gloves and clothing
Response	P301+P310 - If swallowed: Immediately call a Poison Center or doctor/physician Do not induce vomiting. Collect Spillage. P303+P361+P353 - If on skin (or hair), Take off immediately all contaminated clothing. Rinse skin with water/shower P303+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 P308+P313 - If exposed or concerned, get medical advice/attention P314 - Get medical advice/attention if you feel unwell P370+P378 - In case of fire: Use carbon dioxide (CO ₂), foam, dry extinguishing powder to extinguish
Storage	P403+P235 - Store in well-ventilated place. Keep cool
Disposal	P501 - Dispose of contents and/or container in accordance with local, regional and national regulations

ABBREVIATION KEY

GHS = Global Harmonized System
OSHA = Occupational Safety & Health

HCS = Hazard Communication Standard

SECTION 3 COMPOSITION

Chemical Composition

COMPONENT	CAS NUMBER	PERCENT BY WEIGHT
Petroleum Asphalt	8052-42-4	30 - 70
Highly hydrotreated naphthenic oil ¹	64742-52-5	0 - 30
Styrene Butadiene Copolymer ¹	9003-55-8	0 - 30
Calcium Carbonate ¹	1317-65-3	0 - 60
Calcium Borate ¹	12291-65-5	7 - 13
Polyethylene film	9002-88-4	1 - 7
Crystalline Silica ²	14808-60-7	7 - 13
Talc	14807-96-6	7 - 13
Silicone	N/A	6 - 20

Note: The above components and their percentages are provided for health and safety purposes, ONLY. This document should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

¹ Component is not likely to occur above the limits of exposure considering its incorporated into the mixture and/or provided use.

² Concentrations above the limit of exposure are not likely to be found in the ambient air due to adhesion to the membrane's surface.

SECTION 4 FIRST AID MEASURES

Eyes	If foreign matter enters eyes, immediately flush with large amounts of potable water for at least 15 minutes or until irritation subsides. Get medical attention if irritation persists.
Skin	Remove contaminated clothing and wash with soap and water.
Inhalation	Remove affected person from source of exposure. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, give oxygen. Get medical attention.
First-Aid, Ingestion	Consult a physician if unusual reaction is noted. Product is not intended nor is it likely to be ingested or eaten.
Symptoms, Acute & Delayed	Refer to Section 11 - Toxicological Information
Immediate Medical Attention	All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials

SECTION 5 FIRE FIGHTING MEASURES

Flash Point	Not Available
Hazardous Products of Combustions	Carbon dioxide, carbon monoxide and partially burned carbon
Extinguishing Media	Foam CO ₂ or dry chemical extinguishers.
Firefighting instruction	Burning of this product will produce thick black smoke.
Explosion Hazard	None
Protection Gear	Firefighters should wear full face, self contained breathing apparatus and impervious protective clothing to avoid smoke inhalation and lack of oxygen.

ABBREVIATION KEY

ASTM = American Society for Testing and Materials (International)
UEL = Upper Explosion Limit

LEL = Lower Explosion Limit

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	No special precautions should be necessary if material is used under ordinary conditions and as recommended.
Emergency Procedures	No emergency procedures should be necessary if material is used under ordinary conditions as recommended.
Environmental Precautions	Avoid run off to waterways and sewers.
Method and Materials for Containment & Clean Up	Pick up large pieces. VAvoid creating dusts during clean up.

SECTION 7 HANDLING AND STORAGE

Handling	Use this product with adequate ventilation. Avoid breathing dusts or fumes generated from cutting or heating this material. Always wash work clothes separately from other clothing. Wash thoroughly after handling. Use personal protective equipment as described in Section 8.
Storage	Store indoors in a cool, dry, well-ventilated area. Do not handle or store near an open flame, heat or other sources of ignition. This product will react with strong oxidizing agents, reducing agents, strong acids and alkali

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits

COMPONENT	CAS NUMBER	OSHA PEL	ACGIH TLV	NIOSH REL
Petroleum Asphalt	8052-42-4	Not Established	0.5 mg/m ³ TWA (respirable) 8 hour	0.5 mg/m ³ Ceiling (15 min)
Highly hyrotreated Naphthenic oil	64742-52-5	2,000 mg/m ³ TWA	5 mg/m ³ TWA (respirable)	5 mg/m ³ TWA 1800 mg/m ³ Ceiling
Styrene Butadiene copolymer	9003-55-8	Not Established	10 mg/m ³ TWA (respirable)	Not Established
Calcium Carbonate	471-34-1	15 mg/m ³ 5 mg/m ³ (respirable)	Not Established	3 mg/m ³ TWA 5 mg/m ³ (respirable)
Calcium Borate	12291-65-5	15 mg/m ³ 5 mg/m ³ (respirable)	Not Established	Not Established
Talc	14807-96-6	2 mg/m ³ TWA	2 mg/m ³ TWA (respirable)	2 mg/m ³ TWA
Silica, crystalline	14808-60-7	10 mg/m ³ (respirable) 30 mg/m ³ (total)	Not Established	3 mg/m ³ TWA 5 mg/m ³ (total)

ABBREVIATION KEY

NIOSH = National Institute for Occupational Safety
 OSHA = Occupational Safety & Health Administration
 ACGIH = American Conference of Governmental Industrial Hygiene

PEL = Permissible Exposure Level
 TLV = Threshold Limit Value
 TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Pictographs



Eyes/Face

Safety glasses with side shields

Follow the national guidelines concerning the use of protective eye wear.

Hand

Protective Gloves

Leather or cotton gloves may be worn to prevent skin contact and irritation.

Skin/Body

Normal work clothing (long sleeved shirts, long pants and smooth bottom work shoes) is recommended.

Inhalation

Use NIOSH or MSHA approved respiratory protective equipment when airborne exposure limits are exceeded.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid
Appearance	black membrane
Odor	Slight asphalt odor
Odor Threshold	No data available
pH	No data available
Relative Evaporation Rate	No data available
Melting Point	
Boiling Point	
Flash Point	
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Specific Gravity (H₂O =1)	Variable
Vapor pressure	
Vapor Density (AIR=1)	
Solubility in Water	NIL

SECTION 10 STABILITY AND REACTIVITY

Stability	Stable at room temperature in closed containers under advised storage and handling conditions.
Reactivity	Upon combustion CO and CO ₂ are formed
Conditions to Avoid	Strong oxidizers, no spark or open flame, direct sunlight and high temperatures
Hazardous Decomposition	Carbon monoxide, carbon dioxide, hydrogen sulfide and sulfur dioxide
Hazardous Polymerization	Will not occur

SECTION 11 TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

Eyes

Acute (Immediate) Mechanical irritation may occur in contact with particles.
Chronic (Delayed) No data available

Skin

Acute (Immediate) May cause irritation to the skin.
Chronic (Delayed) No data available

Inhalation

Acute (Immediate) May cause irritation to the respiratory tract.
Chronic (Delayed) This product contains crystalline silica which is listed by IARC as a suspect carcinogen. Silicosis (pulmonary fibrosis or severe lung scarring) may occur if exposed to high levels or repeated encounters with dust. Exposure to airborne particles that exceed the limits listed may cause lung cancer. This product also contains petroleum asphalt. If heated, there is limited evidence that derivatives of asphalt fumes may cause carcinogenic effects in animals. There is inadequate evidence to support that asphalt fumes alone are carcinogenic to humans.

Ingestion

Acute (Immediate) Product is not intended nor is it likely to be ingested or eaten.
Chronic (Delayed) No data available

Component Analysis

COMPONENT	CAS NUMBER	ORAL LD50 (mg/kg)	DERMAL LD50 (mg/kg)	INHALATION LC50 (mg/m ³)
Asphalt	8052-42-4	>5,000 (rat)	>2,000 (rabbit)	> 94.4 (rat)
Crystalline silica	14808-60-7	500 (rat)	N/A	> 1 (rat)
Calcium Carbonate	1317-65-3	6,450 (rat)	N/A	> 250 (rat)

Component Carcinogenicity

Asphalt (8052-42-4)
IARC: Group 2B - Possible Carcinogen
Calcium Carbonate (1317-65-3)
IARC: Group 2B - Possible Carcinogen
Crystalline silica (14808-60-7)
IARC: Group 1 - Known Human Carcinogen (IARC Monograph 68 [1997])
ACGIH: A2 - Suspected Human Carcinogen
NTP: Known Human Carcinogen

Mutagenicity

Based on available data, the classification criteria are not met.

STOT Single Exposure

Based on available data, the classification criteria are not met.

STOT Repeated Exposure

Based on available data, the classification criteria are not met.

SECTION 13 DISPOSAL CONSIDERATIONS

Product Waste

The transportation, storage, treatment and dispose of this waste must be conducted in accordance with all applicable federal, state and local regulations.

Packaging Waste

The transportation, storage, treatment and dispose of this waste must be conducted in accordance with all applicable federal, state and local regulations.

ABBREVIATION KEY

IARC = International Agency for Research on Cancer
NTP = National Toxicology Program
ACGIH = American Conference of Governmental Industrial Hygiene

LD₅₀ = Lethal dose, 50 percent
LC₅₀ = Lethal concentration, 50 Percent
STOT = Specific Target Organ Toxicity

SECTION 14 TRANSPORT INFORMATION

Transportation Regulations This product is not regulated as a hazardous material in transportation.
National Motor Freight Classification (NMFC) Class 55

SECTION 15 REGULATORY INFORMATION

TSCA Inventory Components are listed
DSL Inventory Components are listed
WHMIS Classification Controlled Product Classification: D2A, based on the IARC classification of crystalline silica and Calcium Carbonate
Sara 313 None present
Sara 311/312 Categories None present
CERCLA None present
CA Proposition 65 Petroleum Asphalt (CAS #8052-42-4); Silica, crystalline (CAS #14808-60-7)
WARNING: This product contains a chemicals known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov
IRCA Petroleum Asphalt (CAS #8052-42-4); Silica, crystalline (CAS #14808-60-7)
Right to Know States Calcium Carbonate (CAS #1317-65-3)

COMPONENT	CAS NUMBER	CA	MA	MN	NJ	PA	RI
Petroleum Asphalt	8052-42-4	Yes	Yes	No	Yes	Yes	Yes
Highly Hrotreated Naphthenic Oil	64742-52-5	No	Yes	No	Yes	No	No
Styrene Butadiene Copolymer	9003-55-8	No	No	No	Yes	Yes	No
Calcium Carbonate	471-34-1	No	Yes	Yes	No	Yes	Yes
Calcium borate	12291-65-5	No	No	No	No	No	No
Silica, crystalline	14808-60-7	Yes	Yes	Yes	Yes	Yes	Yes
Talc	14807-96-6	Yes	Yes	Yes	Yes	Yes	Yes

SECTION 16 OTHER INFORMATION

Preparation Date March 2019
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Disclaimer

The information and recommendations contained herein are to the best of Performance Roof Systems' knowledge and belief, accurate and reliable as of the date issued. Performance Roof Systems does not warrant or guarantee their accuracy or reliability, and Performance Roof Systems shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the users consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. It is also the users responsibility to make certain that it is relying upon the most recent, updated, information and recommendations available from Performance Roof Systems.

ABBREVIATION KEY

TSCA = Toxic Substances Control Act
 WHMIS = Workplace Hazardous Materials Information System (Canada)
 IARC = International Agency for Research on Cancer

DSL = Domestic Substances List (Canada)
 CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act