

SAFETY DATA SHEET

DERBIBASE SA PRIMER



SECTION 1 IDENTIFICATION

Product Name	Derbibase SA Primer
Recommended Use	Roofing/Waterproofing
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	Flammable liquids - Category 2 Acute toxicity (inhalation:dust,mist) - Category 4 Skin corrosion/irritation - Category 2 Serious eye damage/eye irritation - Category 2B Specific target organ toxicity - Single exposure, Category 3, Narcosis Hazardous to the aquatic environment - Acute Hazard, Category 2 Hazardous to the aquatic environment - Chronic Hazard, Category 1
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Hazard Pictographs



Signal Word

DANGER

Hazard Statements

H225 Highly flammable liquid and vapor.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H320 Causes eye irritation.
H336 May cause drowsiness or dizziness.
H401 Toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects..

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
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical/ventilating/lighting/... equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash hands, forearms and face thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P273 - Avoid release into the environment
P280 - Wear protective gloves/protective clothing/eye protection/face protection

ABBREVIATION KEY

SECTION 2 HAZARDS

Response P303+P361+P353 - If on skin (or hair), Take off immediately all contaminated clothing. Rinse skin with water/shower
 P304+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 (CO2), foam, dry extinguishing powder to extinguish
 P391 - Collect spillage

Storage P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
 P403 + P235 Store in a well-ventilated place. Keep cool.
 P405 Store locked up.

Disposal P501 - Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

SECTION 3 COMPOSITION

Chemical Composition

COMPONENT	CAS NUMBER	PERCENT BY WEIGHT
Methyl acetate	79-20-9	30 - 40
Resin acids and Rosin acids, esters with pentaerythritol	8050-26-8	30 - 40
Heptane, branched, cyclic and linear	426260-76-6	1 - 5
heptane; n-heptane	142-82-5	3 - 7

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.

SECTION 4 FIRST AID MEASURES

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 Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.

Inhalation Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

Ingestion Call a poison center or a doctor if you feel unwell.

Symptoms, Acute & Delayed Immediate Medical Attention *Refer to Section 11 - Toxicological Information*
 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

Fire Hazard	Highly flammable liquid and vapor
Hazardous Products of Combustions	Toxic fumes may be released
Extinguishing Media	Water spray. Dry powder. Foam. Carbon dioxide.
Firefighting instruction	Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Explosion Hazard	No direct explosion hazard.
Protection Gear	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	<i>Refer to Section 11- personal protection</i>
Environmental Precautions	Avoid release into the environment. Report releases as required by local, state and federal authorities.
Method and Materials for Containment & Clean Up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

SECTION 7 HANDLING AND STORAGE

Handling	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.
Hygiene measures	Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Storage	Keep containers cool, dry and away from sources of ignition. Keep containers tightly closed when not in use. DO NOT STORE NEAR HEAT, SPARKS, FLAME, OTHER SOURCES OF IGNITION OR STRONG OXIDIZERS. Keep only in original container.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits

COMPONENT	CAS NUMBER	OSHA PEL	ACGIH TLV	NIOSH
Methyl acetate	79-20-9	610 mg/m ³ TWA	200 ppm TWA 250 ppm STEL	Not Established
Heptane; n-heptane	142-82-5	2,000 mg/m ³ TWA	400 ppm TWA 500 ppm STEL	Not Established

ABBREVIATION KEY

LEL = Lower Explosion Limit

UEL = Upper Explosion Limit

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Measures/ Controls	Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.
General Industrial Hygiene	Use good industrial hygiene practices in handling this material.
Environmental Exposure Controls	Follow best practice for site management and disposal of waste.

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	Liquid
Appearance	Not very viscous, opaque
Color	Red
Odor	Pungent solvent
Odor Threshold	No data available
pH	No data available
Relative Evaporation Rate	No data available
Melting Point	No data available
Freezing Point	No data available
Boiling Point	134.6°F; 57°C
Flash Point	14°F; -13°C;
Auto-ignition Temperature	932°F; 500°C
Decomposition Temperature	No data available
Flammability (solid, gas)	No data available
Vapor pressure	No data available
Relative vapour density @ 20°C	No data available
Relative Density	0.94
Solubility in Water	insoluble
Viscosity, kinematic	No data available
Viscosity, dynamic	300 mPa·s
Percent Solids	No data available
VOC	250 g/L

ABBREVIATION KEY

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

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

SECTION 10 STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Reactivity	Highly flammable liquid and vapour.
Conditions to Avoid	Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Hazardous Decomposition	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous Polymerization	Will not occur

SECTION 11 TOXICOLOGICAL INFORMATION

Component Analysis

COMPONENT	CAS NUMBER	ORAL LD50 (mg/kg)	DERMAL LD50 (mg/kg)	INHALATION LC50 (mg/m ³)
Methyl acetate	79-20-9	6,482(rat)	>2,000 (rat)	N/A
Resin acids and Rosin acids, esters with pentaerythritol	8050-26-8	>2,000 (rat)	>2,000 (rat)	N/A
Heptane; n-heptane	142-82-5	>5,000 (rat)	>2,000 (rat)	103 (rat)

POTENTIAL HEALTH EFFECTS

Eyes

Acute (Immediate) Conjunctivitis, irritation, tearing and burning
Chronic (Delayed) No data available

Skin

Acute (Immediate) Irritation and inflammation. Allergic skin reaction may occur. Dermatitis
Chronic (Delayed) No data available

Inhalation

Acute (Immediate) Irritation to mucus membranes and respiratory tract, nausea, dizziness and headache
Chronic (Delayed) No data available

Ingestion

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

Component Carcinogenicity

Not classified

Mutagenicity

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

STOT Single Exposure

Central nervous system (CNS). May cause drowsiness or dizziness

STOT Repeated Exposure

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

SECTION 12 ECOLOGICAL INFORMATION

Methyl acetate (79-20-9)	
LC50 - Fish [1]	250 – 350 mg/l Source: ECHA
EC50 - Crustacea [1]	1026.7 mg/l Source: ECHA
EC50 72h - Algae [1]	> 120 mg/l Source: ECHA
Resin acids and Rosin acids, esters with pentaerythritol (8050-26-8)	
LC50 - Fish [1]	0.746 mg/l Source: Ecological Structure Activity Relationships
EC50 96h - Algae [1]	0.068 mg/l Source: Ecological Structure Activity Relationships
Heptane; n-heptane (142-82-5)	
LC50 - Fish [1]	5.738 mg/l Source: QSAR
EC50 - Crustacea [1]	1.5 mg/l
NOEC (chronic)	0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
LOEC (chronic)	0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

Toxicity Very toxic to aquatic life with long lasting effects. Toxic to aquatic life.

Persistence and degradability No Data

Bioaccumulative potential

Methyl acetate (79-20-9)	
Partition coefficient n-octanol/water (Log Pow)	0.18 Source: ICSC
Resin acids and Rosin acids, esters with pentaerythritol (8050-26-8)	
Partition coefficient n-octanol/water (Log Pow)	5.61 Source: Quantitative Structure Activity Relation
Heptane; n-heptane (142-82-5)	
Partition coefficient n-octanol/water (Log Pow)	4.66 Source: ICSC

Mobility in soil No Data

Ozone No Data

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 Empty containers should be taken to an approved waste handling site for recycling or disposal. Packaging that cannot be reused after cleaning must be disposed or recycled in accordance with all federal, national and local regulations.

Additional information Flammable vapors may accumulate in the container. Do not re-use empty containers.

ABBREVIATION KEY

TSCA = Toxic Substances Control Act
 WHIMIS = Workplace Hazardous Materials Information System (Canada)

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

SECTION 14 TRANSPORT INFORMATION

In accordance with TDG / DOT / IMDG / IATA

UN number	UN-No. (TDG):	UN1133
	DOT NA No:	UN1133
	UN-No. (IMDG):	1133
	UN-No. (IATA):	1133
UN proper shipping name	Proper Shipping Name (TDG):	ADHESIVES
	Proper Shipping Name (DOT):	Adhesives
	Proper Shipping Name (IMDG):	ADHESIVES
	Proper Shipping Name (IATA):	Adhesives

Transport hazard class(es) Transport hazard class(es) (TDG): 3
 Hazard labels (TDG):



Transport hazard class(es) (DOT): 3
 Hazard labels (DOT):



Transport hazard class(es) (IMDG): 3
 Hazard labels (IMDG):



Transport hazard class(es) (IATA): 3
 Hazard labels (IATA):



Packing group	Packing group (TDG):	II
	Packing group (DOT):	II
	Packing group (IMDG):	II
	Packing group (IATA):	II

Environmental hazards Dangerous for the environment: Yes
 Marine pollutant: Yes



SECTION 14 TRANSPORT INFORMATION

Special precautions for user

TDG	
UN-No. (TDG)	UN1133
Explosive Limit and Limited Quantity Index	5 L
Excepted quantities (TDG)	E2
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	5 L
Emergency Response Guide (ERG) Number	128
DOT	
UN-No.(DOT):	UN1133
DOT Special Provisions (49 CFR 172.102)	<p>When transported as a limited quantity or a consumer commodity, the maximum net 149 capacity specified in 173.150(b)(2) of this subchapter for inner packagings may be increased to 5L (1.3 gallons). B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks.</p> <p>IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.</p> <p>T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)</p> <p>TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / (1 + a (tr - tf))$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.</p> <p>TP8 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0 C (32 F).</p>
DOT Packaging Exceptions (49 CFR 173.xxx)	150
DOT Packaging Non Bulk (49 CFR 173.xxx)	173
DOT Packaging Bulk (49 CFR 173.xxx)	242
DOT Quantity Limitations Passenger aircraft/rail (49CFR 173.27)	5 L
DOT Quantity Limitations Cargo aircraft only (49CFR 175.75)	60 L
DOT Vessel Stowage Location	<p>B - (i) The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) “On deck only” on passenger vessels in which the number of passengers specified in paragraph (k)(2) (i) of this section is exceeded.</p>

SECTION 14 TRANSPORT INFORMATION

IMDG

Limited quantities (IMDG)	5 L
Excepted quantities (IMDG)	E2
Packing instructions (IMDG)	P001
Special packing provisions (IMDG)	PP1
IBC packing instructions (IMDG)	IBC02
Tank instructions (IMDG)	T4
Tank special provisions (IMDG)	TP1, TP8
EmS-No. (Fire)	F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage)	S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS
Stowage category (IMDG)	B
Properties and observations (IMDG)	Adhesives are solutions of gums, resins, etc., usually volatile due to the solvents. Miscibility with water depends upon their composition.

IATA

PCA Excepted quantities (IATA)	E2
PCA Limited quantities (IATA)	Y341
PCA limited quantity max net quantity (IATA)	1L
PCA packing instructions (IATA)	353
PCA max net quantity (IATA)	5L
CAO packing instructions (IATA)	364
CAO max net quantity (IATA)	60L
Special provisions (IATA)	A3
ERG code (IATA)	3L

SECTION 15 REGULATORY INFORMATION

TSCA Inventory	Components are listed
DSL Inventory	Components are listed
Sara 313	None present
Sara 311/312 Categories	Acute Health Hazard; Fire Hazard; Chronic Health Hazard
CERCLA	tert-butyl acetate; 5000 lbs
Clean Air Act	methyl acetate (cas 79-20-9) The following chemical is listed under the U.S Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):
CA Proposition 65	This product does not contain any chemicals known to the state of California to cause cancer, birth defects, and/or other reproductive harm.

SECTION 16 OTHER INFORMATION

Preparation Date

June 2024

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.