

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 Serious Eye Damage/Eye Irritation – Category 2 STOT following repeated exposure – CNS –Category 3
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Hazard Pictographs



Signal Word

DANGER

Hazard Statements

H225 Highly flammable liquid and vapor.
H332 Harmful if inhaled.
H302 Harmful if swallowed.
H305 May be harmful if swallowed and enters airways.
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.

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
P260 - Do not breathe fume, gas, vapors
P261 - Avoid release to the environment
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

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SECTION 2 HAZARDS

Response	P301+P310 - If swallowed: Immediately call a Poison Center or doctor/physician. P330 - Rinse mouth. P331 - Do NOT induce vomiting. 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 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
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	15 - 40
Tert-butyl acetate	540-88-5	10 - 30

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	Immediately flush with large amounts of potable water. Eye lids should be held away the eyeball to ensure thorough rinsing. 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.
Ingestion	Keep respiratory tract clear. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
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

ABBREVIATION KEY

SECTION 5 FIRE FIGHTING MEASURES

Fire Hazard	Combustible liquid
Flash Point	50°F Tag Closed Cup LEL: N/A UEL: N/A
Hazardous Products of Combustions	No hazardous combustion products are known
Extinguishing Media	Alcohol-resistant foam, CO ₂ or dry chemical extinguishers
Firefighting instruction	Standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Explosion Hazard	Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. May form flammable/explosive vapor-air mixture.
Protection Gear	Do not enter fire area without proper equipment, including respiratory protection.

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	Use this product with adequate ventilation. Material is COMBUSTIBLE. Material requires electrical grounding during material transfer process to prevent fire or explosion risk from static accumulation and discharge. All electrical equipment in storage and handling areas should be installed per NFPA requirements. Obtain special instruction before use. Do not handle until all safety precautions have been read and understood.
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.

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SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits

COMPONENT	CAS NUMBER	OSHA PEL	ACGIH TLV	NIOSH REL
Methyl acetate	879-20-9	610 mg/m ³ TWA	200 ppm TWA	610 mg/m ³ TWA
Tert-butyl acetate	540-88-5	950 mg/m ³ TWA	200 ppm TWA	950 mg/m ³ TWA

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	red
Odor	solvent-like
Odor Threshold	No data available
pH	No data available
Relative Evaporation Rate	No data available
Melting/Freezing Point	No data available
Flash Point	14°F; -10°C;
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Flammability (solid, gas)	No data available
Vapor pressure	No data available
Relative Density	0.94
Viscosity	400 mPa · s
Percent Solids	No data available
Solubility in Water	insoluble
VOC	0 g/L (according to EPA rules) / 240 g/l (according to SCAQMD rules)

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

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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, Exposure to air or moisture over prolonged periods.
Hazardous Decomposition	Carbon monoxide and carbon dioxide
Hazardous Polymerization	Will not occur

SECTION 11 TOXICOLOGICAL INFORMATION

Component Analysis

COMPONENT	CAS NUMBER	ORAL LD50 (mg/kg)	DERMAL LD50 (mg/kg)	INHALATION LC50
Methyl acetate	879-20-9	>5,000 (rat)	>5,000 (rabbit)	>16,000 ppm (rat)
Tert-butyl acetate	540-88-5	>4,100 (rat)	>2,000 (rabbit)	4,211 ppm (rat; 6 hr)

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	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.
Mutagenicity	Based on available data, the classification criteria are not met.
STOT Single Exposure	Central nervous system (CNS)
STOT Repeated Exposure	Based on available data, the classification criteria are not met.

SECTION 12 ECOLOGICAL INFORMATION

Eco toxicity	This product may cause adverse environmental effects if used improperly or release to the environment through a spill. Employ best management practices to prevent this material from entering storm sewer systems, waterways or otherwise impacting plant and animal species.
Environmental Transport	No Data
Environment Degradation	No Data
Soil Absorption/Mobility	No Data

ABBREVIATION KEY

LD₅₀ = Lethal dose, 50 percent

LC₅₀ = Lethal concentration, 50 Percent

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SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in an environmentally safe manner and in accordance with governmental regulations. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. For work on tanks, refer to OSHA regulation ANSI Z49.1 and other governmental and industrial references pertaining to cleaning, repairing, welding or other contemplated operations.

This is "RCRA" regulated hazardous waste [D001 Ignitable per 40 CFR 260.21] and must be disposed in a permitted facility. Containers are hazardous waste if not emptied completely (less than 1 inch of residue).

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

SECTION 14 TRANSPORT INFORMATION

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation.

US DOT Adhesives, 3, UN1133, PG II

Canadian TDG Adhesives, 3, UN1133, PG II

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.

Right to Know States

COMPONENT	CAS NUMBER	CA	MA	MN	NJ	PA	RI
Methyl acetate	879-20-9	No	Yes	No	Yes	Yes	Yes
Tert-butyl acetate	540-88-5	No	Yes	No	Yes	Yes	No

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 16 OTHER INFORMATION

Preparation Date December 2018

Revision Date January 2022

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.