

Section 1: Identification of the Product and Company Identification

Product Name: ClassicBond EPDM Primer

Use of Substance: Primer for EPDM Membrane

Suppliers Details: Flex-R Ltd.

Sandswood House,
Hillbottom Road,
Sands Industrial Estate,
High Wycombe,
Buckinghamshire.
HP12 4HJ

Tel: 01494 448792 Fax: 01494 858433 Email: enq@classicbond.co.uk

Section 2: Hazards Identification

Primary Entry Routes: Eye contact, ingestion, inhalation, skin absorption, skin contact.

Target Organs: Kidney and liver.

Acute Effects

Inhalation: May cause nose and/or throat irritation on short-term exposure to vapour. Aspiration into lungs can cause chemical pneumonitis, which can be fatal. Overexposure may result in headache, dizziness, fatigue, nausea and loss of consciousness.

Eye: May cause eye irritation on short-term exposure to liquid or vapour.

Skin: May cause skin irritation on short-term exposure to liquid or vapour. Solvents may be absorbed through the skin in toxic amounts.

Ingestion: May cause irritation of gastrointestinal tract.

Carcinogenicity: IARC, NTP, and OSHA do not list this product as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure: May cause more significant skin irritation in people with pre-existing skin conditions. Respiratory symptoms associated with pre-existing lung disorders and pre-existing heart disorders may be aggravated by exposure to this material.

Chronic Effects: Chronic exposure may cause reversible kidney and liver injury. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Repeated exposure to Toluene has been associated with high frequency hearing loss based on animal tests.

Section 3: Composition/information on ingredients

Ingredients	Conc	CAS	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
			TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Toluene	60-100%	108-88-3	200 ppm	150 ppm	20 ppm	N/E	100 ppm	150 ppm	500 ppm
Heptane)	3-7%	64742-89-8	500 ppm	500 ppm	400 ppm	500 ppm	85 ppm	440 ppm	750 ppm
Hydrocarbon Tackifying Resin	1-5%	68478-07-9	N/E	N/E	N/E	N/E	N/E	N/E	N/E
Additional Ingredients			Conc.				CAS		

Exclusive British Isles Distributors for Carlisle-SynTec and ClassicBond EPDM single ply roofing materials.

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Section 4: First aid measures

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention immediately.

Eye Contact: Immediately flush eyes with running water for at least 15 minutes. Get medical attention.

Skin Contact: Immediately flush skin with running water and remove contaminated clothing. Wash exposed area with soap and water. Get medical attention.

Ingestion: DO NOT induce vomiting. Get medical attention immediately.

Note to Physicians: This material contains Toluene and Heptane.

Special Precautions/Procedures: Whenever possible, remove the worker from the source of contamination.

Section 5: Fire-fighting measures

Flash Point: 4.4°C

LEL: 1.3% v/v

Flash Point Method: C.C

UEL: 7.0% v/v

Auto ignition Temperature: 536°C

Flammability Classification: Ignition can occur when this product is exposed to heat, Division 2 sparks, or flame.

Extinguishing Media: In case of fire, use dry chemical, carbon dioxide, or foam. Water may not be effective as an extinguishing agent. Water fog or spray may be used to provide a smothering effect on fire and to cool fire-exposed containers and surrounding combustibles. Do not use a solid stream of water because it can scatter and spread the fire.

Unusual Fire or Explosion Hazards: Extremely flammable. Store and use away from all sources of heat, flame, or sparks. Do not smoke while applying. Vapours are heavier than air and may travel along ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electrical motors, static discharge, or other ignition sources at locations distant from material handling point and flash back. All containers should be grounded when material is transferred.

Hazardous Combustion Products: Toxic gases or vapours, such as carbon monoxide or carbon dioxide, may be released in a fire.

Fire-Fighting Instructions: This product contains solvents that are dangerous fire and explosion hazards when exposed to heat or flame.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) and full protective clothing along with a full face piece operated in pressure-demand or positive-pressure mode.

Section 6: Accidental release measures

Personal Precautions: Use personal protection recommended in Section 8.

Spill /Leak Procedures: Remove all sources of ignition. Avoid breathing vapours. Use self-contained breathing apparatus in enclosed area. Ventilate area. Contain and remove with inert absorbent materials and non-sparking tools. For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7: Handling and storage

Handling Precautions: Use away from all sources of heat, flame, or sparks. Do not smoke while using. Handling equipment must be grounded to prevent sparking. Handle with non-sparking tools. Wash with soap and water before eating or drinking. Launder contaminated clothing.

KEEP OUT OF REACH OF CHILDREN.

Storage Requirements: Keep containers cool, dry, and store away from all sources of heat, flame, and sparks. Keep containers tightly closed and store with adequate ventilation. Do not pressurize, cut, weld, or grind the containers or empty containers, which may contain residual product and solvent vapours that may ignite explosively.

Section 8: Exposure controls/personal protection

Engineering Controls: Do not use in enclosed areas without proper explosion-proof ventilation. General and local exhaust ventilation must be sufficient to control vapour concentrations and keep the vapour concentration below 100 ppm.

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Respiratory Protection: A NIOSH approved respirator must be used if vapour concentration is 100 ppm or above.

Protective Clothing/Equipment: Permeation resistant gloves (that meet ANSI/ISEA 105-2005) required. Protective glasses or goggles recommended. Industrial boots to protect feet from cleaner contact. Impervious clothing is recommended to protect skin from cleaner contact. Protective skin creams or emollients useful.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9: Physical and chemical properties

Physical State: Liquid

Appearance and Odour: Thin olive green to dark grey liquid with hydrocarbon odour

Odour Threshold(ppm): Not available

Vapour Pressure: 36.7 mm Hg at 30°C (86°F)

Vapour Density (Air=1): 3.14

Specific Gravity (H₂O=1, at 4°C): 0.88

pH: Not available

Water Solubility: Negligible

Boiling Point(°C): 110.4°C (230.7°F)

Freezing/Melting Point -95.0°C (-139°F)

% Volatile by Weight: 80-90

Evaporation Rate: (nBuAc=1): 2.1

Voc: 727 g/l

Flash Point: 4.40°C (40°F)

Flash Point Method: C.C

Autoignition Temperature: 536°C (997°F)

LEL: 1.3% v/v

UEL: 7.0% v/v

Section 10: Stability and Reactivity

Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Will not occur.

Chemical Incompatibilities: Strong oxidizing agents, acids, bases, amines.

Conditions to Avoid: Heat, sparks, and flames; ignition sources.

Hazardous Decomposition Products: Toxic gases or vapours such as carbon monoxide or carbon dioxide, may be released in a fire.

Section 11: Toxicological information

Eye Effects: Irritating

Skin Effects: Irritating

Toxicity Data:

This product has not been tested. No data available.

Section 12: Ecological Information

Ecotoxicity: N/A

Environmental Fate: N/A

Environmental Degradation: N/A

Soil Absorption/Mobility: N/A

Section 13: Disposal considerations

Disposal: If this product becomes a waste, it would not be a hazardous waste by RCRA criteria. Place in an appropriate disposal facility in compliance with local regulations.

Section 14: Transport information

DOT Transportation Data (49 CFR 172.101):

<p>Shipping Name: Adhesives, 3 Shipping Symbols: Flammable Hazard Class: 3 ID No.: UN 1133 Packing Group: II Label: Red caution label required. Special Provisions (172.102): 149, B52, IB2, T4, TP1, TP8</p>	<p>Packaging Authorizations a) Exceptions: 173.150 b) Non-bulk Packaging: 173.173 c) Bulk Packaging: 173.242</p>	<p>Quantity Limitations a) Passenger, Aircraft, or Railcar: 5 L b) Cargo Aircraft Only: 60 L Vessel Stowage Requirements a) Vessel Stowage: B b) Other: --</p>
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Section 15: Regulatory information

EPA Regulations:

RCRA Hazardous Waste Number (40 CFR 261.33): Toluene, CAS #108-88-3, RCRA Code U220

RCRA Hazardous Waste Classification (40 CFR 261.31): Not classified

TSCA (Toxic Substances Control Act) Status: TSCA (United States) The intentional ingredients of this product are listed.

CERCLA Hazardous Substance (40 CFR 302.4): Toluene, CAS #108-88-3, RQ 1000 lb.

CERCLA Reportable Quantity (RQ): Materials with a "listed" RQ may be reportable as an "unlisted hazardous substance". See 40 CFR 302.5 (b).

SARA 313 Components (40 CFR 372.65): Toluene, CAS #108-88-3, 60-100%

SARA Toxic Release Chemicals: Toluene, CAS #108-88-3, Concentration: 1.0%, Reporting

Threshold: Standard

OSHA Regulations:

Clean Water Act Hazardous Substances: Toluene, CAS #108-88-3, RQ 1000 lb.

Clean Air Act SOCM I Chemicals: Toluene, CAS #108-88-3

Clean Air Act Hazardous Air Pollutants: Toluene, CAS #108-88-3, HAP Code XO V

OSHA, IARC, NTP Carcinogens: None listed.

Section 16: Other information

Prepared By: Research & Development

Revision Notes: General Revision

Additional Hazard Rating Systems:

Legal disclaimer: The above information supplied in this MSDS is designed only as guidance for the safe use, storage and handling of the product. The information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. This company shall not be held liable for any damage resulting from handling or from contact with the above product.