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ECOPROOF HEAVY DUTY (10/2017)

Technical and Safety Data Sheet

INTRODUCTION

EcoProof Heavy Duty is a Water based Acrylonitrile copolymer emulsion with a Sterically hindered amine light stabilizer.

HAZARDOUS INGREDIENTS

COMPONENT	CAS#	% BY MASS
Complex mixture of bitumes	N/A	40-70
Anionic Surfactants	N/A	0.5-2.0
Water	7732-18-5	30-60
Polymer Dispersion	N/A	5-25

CHARACTERISTICS

Form	Liquid
Colour	Dark Brown/Black
Odour	Slight resinous petroleum odour
Boiling Point	100°C (water)
Freezing Point	0°C
PH	7-13
Specific Gravity	1.0 (approx.)
Vapour Pressure	1. (mm Hg) 17 @ 20°C (water)
Vapour Density	>1 (air=1)
Evaporation Rate	<1 (nBuAcetate=1)
Volatiles %:	30-60 (water)
Solubility In Water	Partially soluble

APPLICATIONS:

EcoProof Heavy Duty is specifically recommended as a waterproofing compound.

EcoProof Heavy Duty has exceptional water resistance after drying yet good water vapour transmission.

EcoProof Heavy Duty forms a very flexible film, with excellent adhesion to common building materials.

PACKAGING

EcoProof Heavy Duty is supplied in 5L; 20L; 200L and 1000L plastic buckets and/or drums.

STORAGE

EcoProof Heavy Duty can be stored for between 6-12 months in the packaging in which it is supplied, provided that the containers are kept sealed. Storage in direct sun light must be avoided.

The usual precautions against frost should be taken during storage and handling.

FIRE & EXPLOSION DATA

Means of extinction	Not explosive. Not auto-flammable. Not flammable.
Flash point	N/A (non-combustible)
Fire fighting instructions	Use CO2, dry chemical powders or alcohol resistant foam. If water is used, contain any run-off.
Fire & Explosion Hazards	EcoSpray Heavy Duty is a non combustible liquid and will not burn, but may splatter if the liquid is heated above its boiling point. Avoid heating over 200°C / 392 degrees Fahrenheit.

REACTIVITY DATA

Chemical Stability	Stable
Incompatible Materials Flash	Will react with alkaline sensitive materials such as acids and certain metals. Contact with reactive metals such as aluminium or magnesium will result in the formation of explosive hydrogen gas.
Hazardous Decomposition Products	Avoid heating above 200°C. At elevated temperatures hazardous vapours can be released, including carbon monoxide, hydrogen chloride, Organic acids and aldehydes.
Hazardous Polymerization	Will not occur.

HEALTH INFORMATION

Skin	Adhesion
Eyes	Adhesion & irritation
Ingestion	Blockage of digestive system and/or respiratory tract.

EMERGENCY & FIRST AID PROCEDURES

Skin	This is an alkaline product. If splashed on the skin
	Immediately wash thoroughly with fresh water. If the product has dried on the skin massage the area with Medical grade mineral oil, baby oil or edible oil, then Wash with soap and water. If irritation persists seek medical attention.
Eyes	Flush thoroughly with fresh water for at least 10 minutes. Seek medical attention.
Ingestion	DO NOT INDUCE VOMITING. Seek medical attention.

SPILL PROCEDURES

In The Event Of A Spill	Dyke and contain, transfer to container for recovery or Disposal. Keep out of sewers and surface water.
Disposal Methods	Follow national, provincial and local regulations Regarding disposal.

SPECIAL PROCEDURES

Protective Gloves	Recommended
Eye Protection	Safety glasses or splash goggles recommended
Other Protection	Long sleeves and loose clothing recommended

SPECIAL PRECAUTIONS

Shipping Info	Not regulated by the Transportation of dangerous goods
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OTHER INFORMATION

The information provided in this document is offered in good faith and is based on our current knowledge of the product. We do not accept responsibility for damage and claims arising from handling, transport, storage or disposal of the product. The information relates only to the specific material designated and may not be valid for such material used with any other materials or in any process unless specified in the text. This does not constitute a guarantee or warranty for any specific product feature and shall not establish a legally contractual relationship.