



12 Settlers Street
 Pacaltsdorp Industrial
 George

Material Safety Data Sheet - EcoBond

1 Product and Company Identification	
Date	1-Jan-23
Company	Abristo
Product	Primer
Product Code	ECOBOND
Product Description	Water-based acrylic bonding liquid with excellent penetration and adhesion qualities.
Generic Type	Pure Acrylic
Formulation Code	N/A
2 Composition	
This product is a chemical formulation.	
3 Hazardous Identification	
Warning labels on containers.	
Move spilled material with reasonable care. The paint is very adhesive and dries within 15 minutes, so if it gets onto hands and clothing there is a very short time to remove with clean water.	
Transfer spilled material to original containers for normal refuse disposal. There is no hazard, because the product is non toxic.	
4 First Aid Measures	
These products contain no petrochemicals and so, besides a mild irritation due to slight acidity, and unpleasant taste they are not dangerous at all.	
Swallowing	Wash out mouth with water.
Inhalation	Slightly different smell to normal room conditions. No effect.
Eye contamination	Flush with clean water. Because of mild alkalinity, eyes may sting a bit. There is no danger.
Skin contact	Rinse off with water, or wipe paint off with a cloth as soon as possible. If the paint is not removed within 15 minutes it will be dry and very difficult to remove. There is however no health risk.
5 Fire Fighting Measures	
The product is non-combustible and could act to retard the spread of fire	
Fire originating from the substrate	Water mist Carbon dioxide Foam and dry agents
Unsuitable extinguishing agents	None known
Harmful fumes	None known
6 Accidental Release Measures	
The cured (solidified) product is stable to environmental conditions and poses no environmental hazard.	
7 Handling and Storage	
Keep away from direct sunlight and severe cold or excessive heat	
Shelf life	2 Years+ when stored between 5°C (41 °F) and 25°C (77 °F) in sealed container.
8 Exposure controls / Personal protection-Respiratory Exposure	
Respiratory exposure	The product has no noxious fumes and normal/natural ventilation is adequate even in confined spaces.
Eye protection	Use chemical splash goggles.
Hand Protection	Use Neoprene gloves to protect against splashing. The paint dries quickly and is highly adhesive.
9 Physical and Chemical Properties	
A low viscosity primer with high performance, non-toxic properties.	
The product is water borne (in original packaging) and highly effective for the application on cementitious and porous substrates.	
Contains no volatile solvents.	
Provides excellent base for top coats.	
Zero flame spread index.	
Specific Gravity	8.34 -9.17 lb/gal (US) 1.0 - 1.1 kg/Litre
Recommended Dry Film Thickness per coat (DFT)	0.98 - 1.38 thou per coat (25 - 35 microns per coat)
Gloss Level	Semi gloss
Flashpoint	Non Flammable
10 Stability and Reactivity	
Not recommended for immersion service, swimming pools and exposure to strong acids.	
11 Toxicological Information	
The product has minimal noxious fume or odour emission, both during and after application.	
The uncured (emulsified) product is not suitable for human or animal consumption.	
Algaecides added to the formulation are depleted within 7 - 9 days (level of 0.0015% by volume)	
12 Ecological Information	
Product is environmentally friendly and exhibits very low volatile organic compound (VOC) content.	
The uncured product should not be disposed via storm-water drainage.	



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13 Disposal Considerations			
Prior to curing, the product should not be washed down storm-water drains. Cured products exhibits high resistance to most environments. Should be disposed of according to normal refuse regulations.			
14 Transport Information			
Approximate shipping weight	ABRISTO Product (average) - 5 Litre = 5.000 Kg 1 Gallon = 8.34 lb		
UNESCO shipping code	UN/MCO No for this product is 3082 Class 9		
15 Regulatory Information			
EEC Hazard Classification	UN/MCO No for this product is 3082 Class 9		
Risk Phases	Transport	Bulk transport shall be in accordance with Federal regulations	
	Application	Material shall be applied in accordance with the requirements as detailed in this document.	
	Disposal	Residual or unused material can be disposed of and treated as normal household refuse.	
Safety Phases	Spillage	Excess material should be contained and scooped up if possible. Due to the rapid drying time, the affected area must be washed down with copious amounts of water.	
	Personal contact	Swallowing	Wash out mouth with water and consult a medical practitioner.
		Inhalation	No noxious vapours
		Eye contamination	Flush with clean water
Skin contact		Wash with water, or wipe with cloth	
Federal Legislation			
16 Other Information			
Application Instructions			
These instructions should be followed to obtain maximum service from the product. Don't use Brushes/Rollers contaminated with any other paint products or volatile/petrochemical solvents as it may contaminate and cause failure.			
Surface Preparation			
Remove any loose and flaky paint and oil or grease from the surface before application.			
Mixing			
Stir contents thoroughly prior to application. Do not dilute with any solvent (including water) prior to application.			
Application Temperatures			
Condition	Product	Surface	
Normal	25°C (77°F)	25°C (77°F)	
Minimum	2°C (35.6°F)	5°C (41°F)	
Maximum			
Condition	Ambient	Humidity	
Normal	18 - 32°C	10 - 85 %	
Minimum	4°C	0%	
Maximum	50°C	85%	
Do not apply when the surface temperature is less than 2° C above the dew point.			
Spray Application			
Due to the low viscosity the products can sprayed by conveltonal methods.			
Drying and Curing Time			
Touch dry time	± 20 min @ 25°C (77°F) & 50% Relative Humidity		
Chemical curing time	1 - 2 days		
NB Low remperatures and high humidity will retard drying times			
Recommended Film Thickness for required single coat			
Minimum	0.98 - 1.77 thou (25 - 45 microns)		
Wet Film Thickness (WFT)	0.79 thou (20 microns)		
Maximum Dry Film Thickness (DF)	1.97 thou (50 microns)		
Maximum Wet Film Thickness	2.56 thou (65 microns)		
Technical enquiries			
Address all enquiries to info@abristo.com or contact our office at sales@abristo.com			

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