

SECTION 1• PRODUCT AND COMPANY IDENTIFICATION

Product Name(s): Ekodeck+ Designer Series BAL29
Supplier: Ekologix Australia Pty Ltd.
Address: Unit 1, 20-26 Sabre Drive, Port Melbourne, Victoria, Australia 3207
Website: www.ekodeck.com.au/
Tel: +613 9639 7774
E-mail: info@ekodeck.com.au

SECTION 2• COMPOSITION AND INGREDIENTS INFORMATION

Component	CAS#	Exposure Limits	Content(%)
Wood Fiber (Poplar)	9004-34-6	Australia: 1.0 mg/m ³ Belgium: 3.0 mg/m ³ ; Canada: 1.0 mg/m ³ ; Denmark: 4.0 mg/m ³ ; Germany: 2.0 mg/m ³ ; Spain: 1.0 mg/m ³ ; UK: 5.0 mg/m ³ ; USA-OSHA: 1.0 mg/m ³ ;	55-65%
Polyethylene	9002-88-4	Not established	35-45%
N,N'-Ethylenebis(stearamide)	110-30-5	China: 20 mg/m ³ Other Countries: Not established	1-3%
Ultraviolet-resistant Masterbatch	/	Not established	0.5-1.3%
Aluminum hydroxide	21645-51-2	15 mg/m ³	3-7%
Ammonium polyphosphate	68333-79-9	Not established	2-4%
OP935	225789-38-8	Not established	1-3%
Carbon Black	1333-86-4	Australia: 3.0 mg/m ³ Belgium: 3.5 mg/m ³ ; Canada: 3.5 mg/m ³ ; Denmark: 3.5 mg/m ³ ; Germany: 3.5 mg/m ³ ; Spain: 3.5 mg/m ³ ; UK: 3.5 mg/m ³ ; USA-OSHA: 3.5 mg/m ³ ;	0.3-1.0%
Color Batch	/	Not established	0.5-1.3%

SECTION 3•HAZARDS IDENTIFICATION

Emergency Overview: This product may be cut or used in applications that produce wood fibers. Certain wood fibers are considered hazardous if the airborne concentration exceeds the OSHA or ACGIH exposure limits.

Potential Health Effects: Dust can irritate nose, throat, and respiratory tract, and cause eye irritations. Repeated exposure may cause skin irritation. Wood dust is considered a carcinogen.

SECTION 4•FIRST AID MEASURES

Eye Contact: Flush dust from eyes with water for at least 15 minutes. If irritation occurs, obtain medical attention.

Skin Contact: Wash with soap and water.

Ingestion: This material is not expected to be a problem when ingested. If large amounts are ingested, give water to drink and get medical advice.

Inhalation: Remove person to fresh air.

SECTION 5•FIRE FIGHTING MEASURES

Flash Point: Not Available **Autoignition Temperature:** Estimated > 400 °F

Upper Flammable Limit: N/A **Lower Flammable Limit:** N/A

Extinguishing Media: Water or appropriate fire extinguisher.

Explosion Hazard: High dust levels may create potential for explosion, Keep dust away from ignition sources.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, formic acid, acetic acid, trace amounts of formaldehyde, aldehyde, and other organic vapors.

NFPA Rating:
Health -0
Flammability -0
Reactivity- 0

SECTION 6•ACCIDENTAL RELEASE MEASURES

Material should be swept up and discarded in accordance with applicable regulations.

SECTION 7•HANDLING AND STORAGE

Handling: WPC is heavier than normal wood products. Lift carefully to avoid injury. Avoid dust-generating means of clean up.

Storage: Store on a flat surface, Store away from ignition sources or combustible materials

SECTION 8•EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: Use in well ventilated area, especially when dust particles may accumulate.



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Respiratory: If dust is being generated, use an N-95 NIOSH approved nuisance dust mask respirator for protection in conditions up to ten times the PEL (Permissible Exposure Limit). For exposures over 10 times the PEL, additional protection may be needed. If oil particles are present, use an R or P value NIOSH approved respirator.

Skin Protection: If irritation occurs, wear long sleeves and gloves for protection,

Eye Protection: Wear safety glasses with side shields or any other ANSI approved eye protection when performing operations that may generate dust or potential for flying debris.

SECTION 9•PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid or hollow; various colours

Odor: Slight wood odor.

Density: Less than or equal to 1.5g/mm³

Vapor Density: N/A

Vapor Pressure: N/A

Boiling Point: N/A

pH: N/A

Solubility in Waters: Insoluble

SECTION 10•STABILITY AND REACTIVITY

Chemical Stability: Stable

Incompatibility (Materials to Avoid): Strong oxidizers

Conditions to Avoid: Heat and flame

Hazardous Decomposition Products: Carbon monoxide, formaldehyde, formic acid, acetic acid, and other products of wood combustion

SECTION 11•TOXICOLOGICAL INFORMATION

IARC has classified wood dust as a potential carcinogen. Exposure is expected to be minimal with this material due to the fact that the wood fiber is incorporated in a polymer matrix.

SECTION 12•ECOLOGICAL INFORMATION

This product has not been tested for environmental effects, but it is not expected to pose an ecological hazard if used as intended.

SECTION 13•DISPOSAL CONSIDERATIONS

Dispose of waste in normal refuse containers according to local, state, and federal requirements.

SECTION 14•TRANSPORT INFORMATION

Material not regulated by relevant authority.

Shipping Name: N/A



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Hazard Class: N/A

Labeling Requirements: N/A

Placards: N/A

SECTION 15•REGULATORY INFORMATION

REACH: This product meet requirement of EU REACH Regulation No 1907/2006 Article 33(1) Obligation to provide information of safe use.

RoHS : This product is below the maximum permissible limit quoted from RoHS Directive (EU) 2015/863.

CERCLA: N/A

SECTION 16• OTHER INFORMATION

The information and recommendations provided in this MSDS are, to the best of WPC Products' knowledge both accurate and reliable as of the date prepared. WPC Products do not warrant or guarantee their accuracy or reliability, and do accept any liability for any loss, damage, or expense in connection with this information or its use.