

SAFETY DATA SHEET

According to
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

Section 1. Identification of the material and the supplier

Product: **Palliside**
Product Use: Lead-free - Unplasticised Polyvinyl Chloride
Restriction of Use: Refer to Section 15

New Zealand Supplier: **Dynex**
Address: **310-316 Rosebank Road
Avondale, Auckland**

Telephone: **0800 4 Dynex (0800 439 639)**
Fax No: **0800 737 375**
Emergency No: **0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 22 June 2020

Section 2. Hazards Identification

This substance is not hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
PVC Resin (CH ₂ CHCl) _n	>70	9002-86-2
Functional Additives as required	Balance	
Stabilisers:	Organometallic tins, mixed metal salts and special purpose stabilisers.	
Process Aids:	Acrylics and Styrene acrylonitriles.	
Impact Modifiers:	Acrylics and Methacrylate Butadiene Styrenics.	
Fillers:	Metal carbonates (principally calcium, magnesium).	
Lubricants:	Paraffin waxes, mineral oils, polyethylene, salts of fatty acids and fatty acid esters and amides.	
Pigments:	Commercially available pigments based on iron oxide, carbon black, ultramarines, phthalocyanines, molybdates, quinacridones and other organic and inorganic pigments. In weatherable compounds, titanium dioxide may be present in concentrations of 10 - 15%.	

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Rinse cautiously with water for 15 minutes. If eye irritation persists: Get medical advice.

If on Skin Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention.

If Swallowed Wash out mouth thoroughly with water. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek medical attention if needed.

If Inhaled Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Symptoms: None known.

Section 5. Fire Fighting Measures

Hazard Type	PVC is self-extinguishing and does not support combustion.
Hazards from combustion products	PVC decomposes when burned, evolving hydrogen chloride, carbon monoxide, and other toxic gases. Exposure to combustion products may be fatal and should be avoided.
Suitable Extinguishing media	Chemical Foam, Dry Chemical, CO2
Precautions for firefighters and special protective clothing	When fighting fire, self-contained breathing apparatus and full protective clothing should be worn. Remove source of ignition.
HAZCHEM CODE	None Allocated

Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Evacuate non-essential personnel.

Sweep up. Put in a container for disposal. Dispose of in compliance with local and/or national regulations.

Section 7. Handling and Storage

Precautions for safe handling:

- Read label before use.
- Wear protective clothing as detailed in Section 8.

Precautions for safe storage:

- Store locked up.
- Keep out of reach of children.
- Store away from incompatible materials listed in Section 10.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2019 11TH EDITION.

Engineering Controls

Local exhaust in hot processing areas.

Personal Protection Equipment

Eyes	Not required but always good practice to wear eye protection.
Hands	Wear protective gloves for allergenic dermatitis sufferers.
Respiratory	Unless conditions are excessively dusty, no special precautions are required. In dusty areas, wearing of dust masks is recommended.

Section 9 Physical and Chemical Properties

Appearance	Extruded weatherboard of various lengths.
Odour	Not available
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	400-460°C
Flammability	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Specific Gravity	1.40 - 1.50 approx.
Water Solubility	Not available
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	Not known
Conditions to Avoid	Extreme temperatures
Incompatible Materials	Strong oxidisers
Hazardous Decomposition Products	None known.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Not applicable.
Skin	Not applicable.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive	Not applicable.

Toxicity	
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Product:	
Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method: Product can be disposed of as recyclable material if not contaminated with any hazardous substances. Consult with supplier for possibility of return of unwanted product.

Precautions or methods to avoid: None known.

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Section 15 Regulatory Information

This substance is NOT classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

Section 16 Other Information

Glossary

EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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Please contact the New Zealand distributor, if further information is required.

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