Class 1

Polymer 265 Sheet Vinyl Adhesive

Product Disclosure Information Self-Assessment

Version: V1 08.08.23

Product name	**Polymer 265 Sheet Vinyl Adhesive**
Product line	
Product identifier	**PE.A265**

Product description

Polymer 265 is an acrylic emulsion adhesive with excellent plasticizer resistance and nonstaining properties. It is protected against bio-degradation, withstands normal wet cleaning practices and is suitable for use over underfloor heating installations.

Relevant building code clauses

Contributions to compliance

B2.3.1 (b) (ii) Polymer 265 has durability so at least 15 years.

F2.3.1 Polymer 265 is safe when handled correctly as per Application Instructions on TDS.

Scope of use

Polymer 265 is manufactured for use as a sheet vinyl adhesive.

Polymer 265 is designed for bonding plasticized vinyl floor and wall coverings and specialized (including PVC back) and general direct stick carpets. Also recommended for bonding cork tiles and sheet to sound, smooth, dry subfloors so concrete; conventional sand/cement screeds; plywood; hardboard or cement sheet underlays. Other surfaces, such as asphalt, terrazzo, quarry tiles and concrete surfaces treated with waterproof membranes or some curing agents should be skimmed with a minimum so 3mm so a proprietary cementitious underlayment as per manufacturer's recommendations.

Conditions of use

Preparation: To be in accordance with NZS AS 1884:2013 "Floor Coverings - Resilient Sheet and Tiles –

Installation Practices" The surface must be clean, structurally sound, dry, permanently dry, and free from all contaminants which may inhibit good adhesion – this includes old adhesives, existing floorcoverings, polishes, paint, concrete curing agents and laitance. The minimum subfloor temperature is 10°C. It is recommended to prime all absorbent subfloors prior to the application of adhesive. All concrete substrate floors should be tested for moisture content, according to the above NZS AS 1884:2013 Standard, prior to undertaking surface priming or installation so floor coverings. Do not install over damp substrates. Application: Select the correct trowel as determined by the material to be adhered and substrate condition. For vinyl and cork installation, the adhesive should be spread evenly with a 'V' notched spreader with notches 1.6mm deep x 1.6mm wide x 1.6mm spacings. Apply over an area that can be covered within the open time so the adhesive. This will vary according ts the temperature and humidity prevailing. Allow the adhesive to develop initial tack – generally between 10 - 15 minutes according to the thickness so bead and temperature/humidity, etc. The floor coverings should be placed into the wet adhesive film flatten when rolled. In all instances, roll the installation immediately with the appropriate floor roller and finish according to floor covering manufacturer's instructions.

Contact details

Manufacture location	**New Zealand**
Legal and trading name of manufacturer	**DGL Manufacturing Limited T/A DGL Bondlast**
Manufacturer address for service	**24-28 Lady Ruby Drive Auckland 2013**
Manufacturer website	**www.bondlast.co.nz**
Manufacturer email	**sales.bondlast@dglgroup.com**
Manufacturer phone number	**09 2672772**
Manufacturer NZBN	**9429032804584**

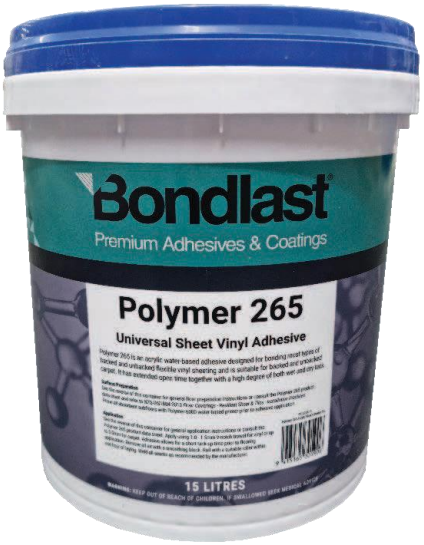
Warnings and bans

Is the building product/building product line subject to warning or ban under section 26 so the Building Act 2004?

No

POLYMER 265

Sheet Vinyl Adhesive



GENERAL DESCRIPTION:
Polymer 265 is an acrylic emulsion adhesive with excellent plasticiser resistance and non-staining properties. It is protected against bio-degradation, withstands normal wet cleaning practices and is suitable for use over underfloor heating installations.
Polymer 265 is designed for bonding plasticised vinyl floor and wall coverings and specialized (including PVC back) and general direct stick carpets. Also recommended for bonding cork tiles and sheet to sound, smooth, dry subfloors of concrete; conventional sand/cement screeds; plywood; hardboard or cement sheet underlays. Other surfaces, such as asphalt, terrazzo, quarry tiles and concrete surfaces treated with waterproof membranes or some curing agents should be skimmed with a minimum of 3mm of a proprietary cementitious underlayment as per manufacturer's recommendations.

PREPARATION:
To be in accordance with NZS AS 1884:2013 "Floor Coverings - Resilient Sheet and Tiles – Installation Practices" The surface must be clean, structurally sound, dry, permanently dry, and free from all contaminants which may inhibit good adhesion – this includes old adhesives, existing floorcoverings, polishes, paint, concrete curing agents and laitance. The minimum subfloor temperature is 10°C. It is recommended to prime all absorbent subfloors prior to the application of adhesive. All concrete substrate floors should be tested for moisture content, according to the above NZS AS 1884:2013 Standard, prior to undertaking surface priming or installation of floorcoverings. Do not install over damp substrates.

APPLICATION:
Select the correct trowel as determined by the material to be adhered and substrate condition. For vinyl and cork installation, the adhesive should be spread evenly with a 'V' notched spreader with notches 1.6mm deep x 1.6mm wide x 1.6mm spacings. Apply over an area that can be covered within the open time of the adhesive. This will vary according to the temperature and humidity prevailing. Allow the adhesive to develop initial tack – generally between 10 - 15 minutes according to the thickness of bead and temperature/humidity, etc. The floorcovering should be placed into the wet adhesive film which will allow transfer to the backing and the trowel marks to flatten when rolled. In all instances, roll the installation immediately with the appropriate floor roller and finish according to floorcovering manufacturer's instructions.

STORAGE:
Use in well ventilated areas. Keep container closed. Store away from sources of heat. Do not allow to freeze.

COVERAGE:
Approximately 3 - 5m² per litre depending upon the condition and absorbency of the substrate and the type of trowel used.

CLEAN UP
Any Polymer 265 on the surface of any floor coverings should be removed immediately with a dampened cloth – Do not allow to dry. Trowels and other tools may be cleaned with white spirits.

Refer Material Safety Data Sheet for safety and handling information

Technical Data

Appearance:	Cream Paste	Shelf Life:	12 months (stored correctly)
Total Solids:	70% approx.	Pack Size:	15L, 20L
Tack time:	10 - 15 min @ 20°C	Base:	Acrylic

Bondlast®
Premium Adhesives & Coatings

SAFETY DATA

Product: POLYMER 265 Issue Date: 28.03.2022

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Polymer 265 Acrylic Adhesive
Recommended Use: Adhesion of floorcovering materials
Company Name: RLA Polymers NZ Ltd.
Address: 24 – 28 Lady Ruby Drive, East Tamaki, Auckland 2013, New Zealand.
Phone: (09) 267 2772 Fax: (09) 268 0305 Available Monday – Friday 8.00am – 5.30pm.
Emergency phone: **New Zealand Poisons Centre: 0800 764 766**

SECTION 2. HAZARDS IDENTIFICATION

Hazard Classification: NON-HAZARDOUS according to NZ legislation
Not Regulated under NZ5433 for land transportation
Chronic Effects: Not applicable.
Inhalation: Practically non-harmful by inhalation. Possible allergic reactions. May cause irritation to the nose and throat. Not normally an inhalation risk due to low vapour pressure at ambient temperatures.
Ingestion: May cause gastric irritation.
Skin: Repeated or prolonged skin contact may lead to irritation.
Eye: A mild eye irritant. May cause watering of eyes.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS No	TWA
Acrylic Resins	24 – 30	Not known	None Established
Water	22 – 26	7732-18-5	None Established
Limestone Filler	30 – 35	1317-65-3	None Established
De-aromatised Hydrocarbon Solvent	3 – 5	64742-48-9	1200mg/m3
Gum Rosin	6 – 10	8050-09-7	None Established
Proprietary Ingredients	2 – 5	Various	None Established

SECTION 4. FIRST AID MEASURES

Eye: Immediately irrigate with copious amount of water for at least 15 minutes. Eyelids to be held open. Seek medical advice if effects persist.
Swallowed: Do not induce vomiting. Rinse mouth thoroughly with water immediately. Give plenty of water to drink. Seek immediate medical assistance.
Skin: Wash affected area thoroughly with warm soap water.
Inhaled: Unlikely to be an inhalation risk however provide fresh air and give oxygen or artificial respiration if breathing laboured.
Aggravated medical conditions caused by exposure:
Chronic Health Effects: Not applicable.
Advice to doctor: Treat symptomatically

SECTION 5. FIRE FIGHTING MEASURES

Extinguisher: Foam, Carbon Dioxide, Dry Chemical.
Hazards from Combustion products: Low Hazard
Special precautions for fire fighters: Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.
Flammability: Non flammable. Product residue, following evaporation of liquid content will burn in the presence of an ignition source.

Fire/Explosion Hazard	Auto Ignition Temp	Lower Explosion Limit	Upper Explosion Limit	Flash Point
n/a	n/a	n/a	n/a	n/a

SECTION 6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Keep spectators away and avoid breathing vapours.
Methods and Materials for Containment and Clean up -
Minor Spills: immediately. Wear breathing apparatus if in no-ventilated area. Use absorbent clean up materials such as a fire retardant treated sawdust or diatomaceous earth.
Keep spills (and as much as possible cleaning runoff) out of municipal sewers and waterways.Sweep up. Place in separate container for disposal.
Major Spills: Restrict access to area. No smoking or naked lights. Alert Fire brigade and tell them location and nature of hazard. Clear area of personnel and move upwind. Dike and contain spill with inert materials (e.g. sand) Keep spills (and as much as possible cleaning runoffs) out of municipal sewers, streams, and open bodies of water.
Collect recoverable product into labelled containers for recycling.

Clean up spills

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Avoid damaging containers. Keep lids on containers when not in use.
Storage Temperatures: **Min** 0°C **Max** 40°C.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards:
Personal Protection No exposure standards standard has been established for this product.
Eyes: Safety eyewear with splash guards or side shields to prevent eye contact is recommended when using any adhesives.
Hands/Feet: Protective clothing. Gloves of neoprene or nitrile rubber are recommended.
Other: Overalls, protective clothing, barrier cream, eyewash unit, skin cleansing cream.
Practice good caution and personal cleanliness to avoid skin contact. Avoid breathing vapours. Wash hands thoroughly before handling food.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White/cream viscous paste.
Odour: Rosin
pH: 8 - 9
Vap. Pressure: n/a
Vap. Density: n/a
Boiling Point: 100°C
Melt/Freeze: 0°C
Solubility: Soluble
Volatile by weight: 28 – 32%

SECTION 10.STABILITY AND ACTIVITY

Chemical Stability: Product is considered stable under normal storage and handling conditions.
Conditions to avoid: Freezing, excessive heat and fluctuating temperatures.
Incompatible Materials: Strong oxidisers
Hazardous Decomposition Products: Oxides of carbon (CO and CO^2).
Hazardous Reactions: None known.

SECTION 11. TOXICOLOGICAL INFORMATION

No data available for this material – refer to individual raw materials.

SECTION 12. ECOLOGICAL IDENTIFICATION

Do not allow this product to enter the environment – in particular waterways.
No specific data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Special precautions for landfill or incineration:
Consult manufacturer for recycling options and recycle where possible. Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.

SECTION 14. TRANSPORT INFORMATION

UN Number: None allocated
UN Proper Shipping: None allocated
Subsidiary Risk
Poison Schedule: n/a
HAZCHEM Code: n/a
Packing Group: n/a
DG Class: n/a

SECTION 15. REGULATORY INFORMATION

Group Standard: Not applicable
Approved Handler: Not required

SECTION 16. OTHER INFORMATION

Date of preparation:
Literature references:
Abbreviations
CAS No:
TWA:

28.03.2022
MSDS's for individual raw materials

Chemical Abstract Service Registry
Threshold limit value

Safety data sheets are updated regularly; please ensure that you have a current copy.
The information contained herein is based on data considered accurate and reliable to the best of our knowledge and belief as of the date compiled. No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use hereof. DGL Bondlast assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by this material. Such users or vendors assume all risks associated with the use of this material. It is the users responsibility to satisfy themselves as to the suitability and completeness of the information for their particular use. The users must determine whether the use of the information and data is in accordance with local laws and regulations.

End of MSDS