

Polymer 160 Adhesive

BPIR Declaration

Version: V1 08.08.23

Designated building product: Class 1

Declaration

DGL Manufacturing Limited T/A DGL Bondlast has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product/system

Name	Polymer 160 Adhesive
Line	
Identifier	PE.160.20

Description

Polymer 160 is a latex based pressure sensitive adhesive offering economy, prolonged open time and excellent adhesive properties.

USES Polymer 160 is useful for multiple applications, including but not limited to: double-stick underlay installation, direct-stick carpets, seagrass and coir installations, and commercial (high mineral content) vinyl tiles. It is particularly suited to lower temperature installation (between 3 - 10oC) where acrylic type products are very slow to tack up.

20L pail

Scope of use

USES Polymer 160 is useful for multiple applications, including but not limited to: double-stick underlay installation, direct-stick carpets, seagrass and coir installations, and commercial (high mineral content) vinyl tiles. It is particularly suited to lower temperature installation (between 3 - 10oC) where acrylic type products are very slow to tack up.

STANDARDS To be used in accordance with the Australian/NZ Standard 2455.1.2007 - "Textile Floor Coverings Installation Practice".

Conditions of use

SURFACE PREPARATION All surfaces to be bonded shall be dry, smooth, sound and clean. Subfloors must also be free of wax, grease and hydrostatic pressure. Where substrates are very absorbent or dusty, Polymer 6000 acrylic primer must be applied to prepare surface ready for adhesive.

Do not apply to damp substrates

Relevant building code clauses

Durability B2.3.1 (b) (ii)

Building Materials F2.3.1

Contributions to compliance

Durability B2.3.1 (b) (ii) Polymer 160 has durability so at least 15 years Hazardous Building Materials F2.3.1 Polymer 160 is safe when handled correctly as per Application Instructions on TDS and information on MSDS.

Supporting documentation

The following additional documentation supports the above statements:

None added

For further information supporting Polymer 160 Adhesive claims refer to our website.

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	09 267 2772
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

TDS

Polymer 160 Pressure Sensitive Latex Adhesive

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APPLICATION

Do not thin but stir if necessary.

As the product is multiple use, the application trowel will vary depending upon the substrate, and the floor covering being installed.

For double-stick underlay: use a 1.5mm "V" notched trowel (approx. coverage 5 m²/L)

For carpet: use a 2.4mm notched trowel (approx. coverage 3.0 - 4.5m²/L)

For seagrass or coir: use a 2.4mm - 3.2mm notched trowel depending on backing texture (approx coverage 2.0 - 3.0 m²/L)

Lay floor covering into wet adhesive within 15 -20 minutes for wet stick (carpet or seagrass), or allow to tack up completely if dry stick is desired (double-stick underlay to floor). Roll covering well to remove any trapped air and ensure good adhesive transfer.

Note: Although classed as a PS adhesive, Polymer 160 will slowly become less tacky over time.

TECHNICAL DATA

Appearance: Off White

Composition: Latex

Carrier: Water

Flammability: Non flammable

Viscosity: Liquid

Toxicity: Non toxic

Shelf Life: 6 months minimum

Storage: Store between 5°C - 25°C

Must not freeze.

Clean Up: Water while wet.

Toluol when dry.

Pack Size: 20 litres

A Safety Data Sheet is available on request.

Disclaimer: Information given on this data sheet is to the best available knowledge of the manufacturer, true and correct. However owing to the diverse nature of applications, conditions, and materials used, no guarantee either expressed or implied, can be given.

Enquiries should be directed to DGL Bondlast 09 267 2772.

Issued: July 2022

SAFETY DATA SHEET

Product: POLYMER 160 Issue Date: 28.03.2018 Page 1 of 3

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:

Recommended Use:

Company Name:

Address:

Phone / Fax:

Emergency phone:

Polymer 160 Adhesive

Adhesive for bonding coir or seagrass carpets and other floorcoverings.

RLA Polymers NZ Ltd.

24 – 28 Lady Ruby Drive, East Tamaki, Auckland, New Zealand.

Ph: (09) 267 2772 Fax: (09) 268 0305 Available Monday – Friday 8.00am – 5.30pm.

New Zealand Poisons Centre: 0800 764 766

SECTION 2. HAZARDS IDENTIFICATION

Hazard Classification:

Chronic Effects:

Inhalation:

Ingestion:

Skin:

Eye:

NON HAZARDOUS according to NZ HSNO Regulations.

Not Regulated under NZ5433 for land transportation.

No long term exposure symptoms are known.

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.

If large amounts are ingested this may cause nausea and/or vomiting.

Repeated or prolonged skin contact may lead to irritation.

A mild eye irritant. May cause watering of eyes.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients % CAS No TWA STEL

Ammonia trace 1336 – 21 – 6

De-aromatised Hydrocarbon Solvent 4 – 6 % 64742 - 48 - 9 1200mg/m3 NA

Resin 10 – 15 % 8050 - 26 - 8 None Established NA

Non-Hazardous Ingredients up to 100% Various None Established NA

SECTION 4. FIRST AID MEASURES

Inhalation:

Ingestion:

Skin:

Eye:

Advice to Doctor:

Remove victim from exposure. Recovery should be rapid after removal from exposure. Seek medical advice if effects persist.

If large amounts are swallowed, give copious amounts of water to drink. Induce vomiting by putting finger down the throat or giving Ipecac syrup. Seek immediate medical assistance.

Wash affected areas with copious quantities of water immediately. If irritation occurs seek medical advice.

Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice if effects persist.

Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

Extinguisher:

Hazards from

Combustion:

**Special protective equipment for
fire fighters:**

Fire/Explosion Hazard:

Auto Ignition Temp:

Explosion Limit

Upper:

Lower:

Hazchem Code:

Flash Point:

Use CO2, Dry Chemical or Foam.

Low hazard

Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.

n/a

n/a

n/a

n/a

n/a

n/a

SAFETY DATA SHEET

SECTION 6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Keep spectators away and avoid breathing vapours.

Methods and Materials for Containment and Clean up -

Minor Spills:

Major Spills:

Clean up spills immediately. Wear breathing apparatus if in no-ventilated area. Use absorbent clean up materials such as sand, a fire retardant treated sawdust or diatomaceous earth. Keep spills (and as much as possible cleaning runoff) out of municipal sewers and waterways. Use a shovel to clean up, place in separate container for industrial waste disposal.

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.

SECTION 7. HANDLING AND STORAGE

Safe Handling:

Safe Storage:

Storage Temp:

Store in original containers. Keep lids on containers when not in use.

Store in a cool dry place. No special precautions required.

Min 0°C **Max** 40°C.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards:

Personal Protection

Eyes:

Hands/Feet:

Other:

No Exposure Standards standard has been established for this product, however, the product contains small quantities of hydrocarbon solvents which may cause some discomfort in confined spaces or poorly ventilated areas during handling or use.

Safety eyewear with splash guards or side shields to prevent eye contact is recommended when using any adhesives.

Protective clothing. Gloves of neoprene or nitrile rubber are recommended.

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:

Odour:

pH:

Vap. Pressure:

Vap. Density:

Boiling Point:

Melt/Freeze:

Solubility:

Volatile by weight:

White/cream viscous paste.

Latex

8-9

n/a

n/a

100°C

0°C

Soluble

50 – 55%

SAFETY DATA SHEET

SECTION 10. STABILITY AND ACTIVITY

Chemical Stability:

Conditions to avoid:

Incompatible Materials:

Hazardous Decomposition Products:

Hazardous Reactions:

Product is considered stable under normal storage and handling conditions.

Freezing, excessive heat and fluctuating temperatures.

Oxides of carbon.

None known.

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.

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:

UN Proper Shipping:

Subsidiary Risk -

Poison schedule:

HAZCHEM Code:

Packing Group:

DG Class:

None allocated

None allocated

n/a

n/a

n/a

n/a

SECTION 15. REGULATORY INFORMATION

Group Standard: Not applicable

SECTION 16. OTHER INFORMATION

Date of preparation:

Literature references:

Abbreviations

CAS No:

TWA:

28/03/2018

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. RLA Polymers Ltd 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 SDS