Class 1

Roberts 80 Low Odour Carpet Adhesive

Product Disclosure Information Self-Assessment

Version: V1 04.08.23

Product name	Roberts 80 Low Odour Carpet Adhesive
Product line	
Product identifier	RG.80.20

Product description

Roberts 80 is a high-solids, latex-based, fast-tack Carpet Adhesive, designed for adhering hessian, latex-backed and woven carpets. Suitable for both direct stick and double-bond applications.

TYPICAL PROPERTIES: Appearance: Off white cream paste Base: Latex Solids: 62% approx Tack up: 10 – 15 minutes at 20°C Shelf Life: 12 months minimum Pack Size: 20L plastic pail

Relevant building code clauses

Contributions to compliance

B2.3.1(b) (ii) Roberts 80 has durability of at least 15 years.

F2.3.1 Roberts 80 is safe when handled correctly as per Application Instructions on TDS and information on MSDS.

Scope of use

Roberts 80 is manufactured for use as a carpet adhesive:

For indoor applications in residential and commercial buildings. For adhering jute backed, Action Bac backed carpet and woven carpets. For both direct stick & double - bond installations. Recommended to use with Polymer 6000 Primer if adhering to a highly absorbent substrate.

Conditions of use

Roberts 80 Installation Requirements

SURFACE PREPARATION: To be in accordance with the Australian Standard 2455.1:2007 “Textile Floor Covering – Installation Practice”.

All surfaces to be bonded shall be dry, smooth, sound and clean. Subfloors must also be free of wax, grease and hydrostatic pressure. The minimum subfloor temperature before commencing surface preparation and adhesive application is 10°C.

It is recommended that all highly absorbent subfloor surfaces be primed with Polymer 6000 Primer prior to the application of the adhesive. All concrete substrate floors must be tested for moisture content, according to the above AS/NZ Standard, prior to surface priming or installation of the floorcovering.

APPLICATION: Roberts 80 is to be applied using the appropriate trowel as determined by the material being installed and the condition of the substrate.

In general terms… Use a 2.0mm – 2.4mm “V” notched trowel for direct sticking smooth backed carpets (coverage up to 3.5m2/litre). Or use a 2.4mm – 3.2mm “V” notched trowel for direct sticking textured backed carpets and for Double-Bonding (coverage up to 3.0m2/litre).

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	092672772
Manufacturer NZBN	9429032804584

Warnings and bans

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

No

Appendix

BPIR Ready selections

Category: Other (custom)

Building code performance clauses

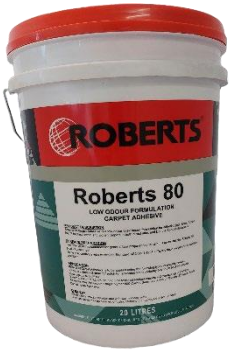
All relevant building code performance clauses listed in this document:

B2 Durability – B2.3.1(b) (ii)

F2 Hazardous Building Material – F2.3.1

ROBERTS 80

LOW ODOUR CARPET ADHESIVE



TECHNICAL DATA SHEET

GENERAL DESCRIPTION:

Roberts 80 carpet Adhesive is a low odour latex based formulation for adhering jute backed, Action Bac™ backed carpet and woven carpets in both direct stick and Double-Bond installations.

The adhesive offers quick grab and a shorter working time especially for smaller installations the adhesive tacks up very quickly.

SURFACE PREPARATION:

To be in accordance with the Australian Standard 2455.1:2007 “Textile Floor Covering – Installation Practice”. All surfaces to be bonded shall be dry, smooth, sound and clean. Subfloors must also be free of wax, grease and hydrostatic pressure. The minimum subfloor temperature before commencing surface preparation and adhesive application is 10°C.

It is recommended that all highly absorbent subfloor surfaces be primed with Polymer 6000 Primer prior to the application of the adhesive.

All concrete substrate floors must be tested for moisture content, according to the above AS/NZ Standard, prior to surface priming or installation of the floorcovering.

APPLICATION:

Roberts 80 is to be applied using the appropriate trowel as determined by the material being installed and the condition of the substrate.

In general terms…

Use a 2.0mm – 2.4mm “V” notched trowel for direct sticking

smooth backed carpets (coverage up to 3.5m2/litre).

Or use a 2.4mm – 3.2mm “V” notched trowel for direct sticking textured backed carpets and for Double-Bonding (coverage up to 3.0m2/litre).

A strong tack develops rapidly enabling carpet/underlay to be lowered in almost immediately at temperatures in excess of 15°C.

In colder conditions, allow adhesive to remain open until tack

and grab develop then lower in the carpet/underlay. Placement of the carpet must be into wet adhesive to ensure complete transfer to the backing and before the adhesive has skinned over.

Roll the finished installation immediately with a 25 - 35 kg roller then check within one hour and roll again if necessary. Complete the installation according to floorcovering manufacturer’s instructions.

Do not allow heavy traffic for 24 hours.

CLEAN UP

Clean tools immediately after use with warm soapy water. Dried adhesive may be removed with a mild solvent.

TYPICAL PROPERTIES:

Appearance: Off white cream paste Base: Latex

Solids: 62% approx

Tack up: 10 – 15 minutes at 20°C Shelf Life: 12 months minimum Pack Size: 20L plastic pail

Safety & Handling

Material Safety Data Sheet available upon request.

Users assume all risks and liability resulting from the use of this product and must confirm the suitability thereof by their own tests. Technical information contained herein is based on tests we believe to be reliable but the accuracy thereof is not guaranteed.

Conditions of Sale contain a limited warranty against manufacturing defects.

DGL Manufacturing NZ 24-28 Lady Ruby Drive

Email: sales.bondlast@dglgroup.com East Tamaki

Phone: (09) 267 2772 Auckland 2013

Website: www.bondlast.co.nz New Zealand

1. Identification of Substance & Company

Product	
Product name Product code	Roberts 80 Carpet Adhesive Not assigned
HSNO approval	NA
Approval description	NA
UN number	NA
Proper Shipping Name	NA
DG class	NA
Packaging group	NA
Hazchem code	NA
Uses	Adhesive for bonding carpet floor coverings to underlay or direct to substrate

Company Details	
Company	**DGL Bondlast**
Address	24-28 Lady Ruby Drive, East Tamaki, Auckland 2013, New Zealand
Telephone	+64 (9) 267 2772

Emergency Telephone Number: 0800-764 766

2. Hazard Identification

Approval

This product is not considered hazardous under the Hazardous Substances and New Organisms Act (HSNO), according to the criteria in the Hazardous substances (Hazard Classification) Notice 2020.

GHS Classes	Hazard Statements

none

SYMBOLS

none

Other Classifications

There are no other classifications that are known to apply.

Precautionary Statements

None

3. Composition / Information on Ingredients

Component	CAS/ Identification	Conc (%)
naphtha petroleum, heavy, hydrotreated	64742-48-9	4-6%
Resin acids and Rosin acids, esters with pentaerythritol	8050-26-8	10-15%
ingredients not contributing to GHS classes	mixture	balance

This is a commercial product whose exact ratio of components may vary slightly. Trace quantities of impurities are also likely.

4. First Aid

General Information

If medical advice is needed, have product container or label at hand. You should call the National Poisons Centre if you feel that you may have been harmed or irritated by this product. The number is 0800 764 766 (0800 POISON) (24 hr emergency service).

Recommended first aid facilities Ready access to running water is recommended. Accessible eyewash is recommended.

Exposure

Swallowed Call a POISON CENTRE or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting. Give a glass of water to drink.

Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin contact This product is non-irritating to skin. No further measures should be required.

Inhaled Generally, inhalation of vapours is unlikely to result in adverse health effects. If coughing, dizziness or shortness of breath is experienced, remove the patient to fresh air immediately. If patient is unconscious, place in the recovery position (on the side) for transport and contact a doctor.

Advice to Doctor

Treat symptomatically

5. Firefighting Measures

Fire and explosion hazards: There are no specific risks for fire/explosion for this chemical. It is non-flammable.

Suitable extinguishing substances: Carbon dioxide, extinguishing powder or water jet. Fight larger fires with water jet or alcohol resistant foam.

Unsuitable extinguishing substances: Unknown.

Products of combustion: Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Water. May form toxic mixtures in air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures.

Protective equipment: No special measures are required.

Hazchem code: NA

6. Accidental Release Measures

Containment In all cases design storage to prevent discharge to storm water.

Emergency procedures If a significant spill occurs: Stop leak if safe/necessary; Isolate area. Collect spill – see below; Transfer to container for disposal. Dispose of according to guidelines below (Section 13).

Clean-up method Use absorbent (soil, sand or other inert material). Rags are not recommended for the clean-up of spills, as they may create fire or environmental hazard. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Disposal Mop up and collect recoverable material into labelled containers for recycling or salvage. Recycle containers wherever possible. This material may be suitable for approved landfill. Dispose of only in accord with all regulations.

Precautions No special protective clothing is normally necessary.

7. Storage & Handling

Storage Avoid storage of harmful substances with food. Store out of reach of children.

Containers should be kept closed in order to minimise contamination. Keep from extreme heat and open flames.

Avoid contact with incompatible substances as listed in Section 10.

Handling Keep exposure to a minimum, and minimise the quantities kept in work areas. See section 8 with regard to personal protective equipment requirements.

8. Exposure Controls / Personal Protective Equipment

Workplace Exposure Standards

A workplace exposure standard (WES) has not been established by WorkSafe NZ for this product. There is a general limit of 3mg/m^3 for respirable particulates and 10mg/m^3 for inhalable particulates when limits have not otherwise been established.

NZ Workplace Exposure Stds	ES-TWA	WES-STEL

No ingredient listed

Engineering Controls

In industrial situations, it is expected that employee exposure to hazardous substances will be controlled to a level as far below the WES as practicable by applying the hierarchy of control required by the Health and Safety at Work Act (2015) and the Health and Safety at Work (General Risk and Workplace Management) Regulations 2016. Exposure can be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify processes or increase ventilation.

Personal Protective Equipment

General Personal Protective Equipment (PPE) should not be used as the primary means of exposure protection, except in the event of an accident or emergency situation or where all other means of protection have proven to inadequate. Clean PPE after use or dispose of as appropriate. Store PPE for re-use in a clean place. Regular training on the correct use of PPE should be provided. In particular the correct fitting and use of respirators and where applicable the cleaning of respirators should be undertaken.

Eyes Avoid contact with eyes. Use safety glasses and or chemical splash goggles if splashes are possible. Select eye protection in accordance with AS/NZS 1337.

Skin Protective gloves and clothing are not normally necessary. However, it is prudent to wear gloves when handling chemicals in bulk or for an extended period of time.

Respiratory Respirator is not required under normal use. Ensure adequate natural ventilation. If product is being used in confined conditions, the use of a mask or respirator may be preferred.

WES Additional Information

Not applicable

9. Physical & Chemical Properties

Appearance white/cream viscous paste

Odour rosin odour

Odour Threshold no data

pH 8-9

Freezing/melting point 0°C

Boiling Point 100°C

Flashpoint non flammable

Flammability non flammable **Upper & lower flammable limits** no LEL or UEL **Vapour pressure** no data

Vapour density no data

Specific gravity/density no data

Solubility soluble

Partition coefficient no data

Auto-ignition temperature no data **Decomposition temperature** no data **Viscosity** no data

Particle Characteristics no data

10. Stability & Reactivity

Stability Stable

Conditions to be avoided Containers should be kept closed in order to avoid contamination. Keep from extreme heat and open flames.

Incompatible groups none known

Substance Specific Incompatibility none known oxides of carbon

Hazardous decomposition products

Hazardous reactions none known

11. Toxicological Information

Summary

This mixture is not considered hazardous.

Supporting Data

Acute Oral Using LD50's for ingredients, the Acute Toxicity Estimate (ATE) (oral) for the mixture is >2,000 mg/kg.

Aspiration This mixture is not considered an aspiration hazard.

Dermal Using LD50's for ingredients, the Acute Toxicity Estimate (ATE) (dermal) for the mixture is >2,000 mg/kg.

Inhaled Using LD50's for ingredients, the Acute Toxicity Estimate (ATE) (inhalation) for the mixture is >5mg/L/4h.

Eye The mixture is not considered to be an eye irritant.

Skin The mixture is not considered to be a skin irritant.

Chronic **Sensitisation** No ingredient present at concentrations > 0.1% is considered a sensitizer. **Mutagenicity** No ingredient present at concentrations > 0.1% is considered a mutagen. **Carcinogenicity** No ingredient present at concentrations > 0.1% is considered a carcinogen.

Reproductive / Developmental No ingredient present at concentrations > 0.1% is considered a reproductive or developmental toxicant or have any effects on or via lactation.

Systemic No ingredient present at concentrations > 1% is considered a target organ toxicant.

Aggravation of existing conditions None known.

12. Ecological Data

Summary

This mixture is not considered to be ecotoxic. In all cases prevent run-off to drains, sewers and waterways.

Supporting Data

Aquatic Using EC50's for ingredients, the calculated EC50 for the mixture is > 100 mg/L.

Bioaccumulation No data

Degradability No data

Soil No evidence of soil toxicity.

Terrestrial vertebrate See acute toxicity.

Terrestrial invertebrate No evidence of toxicity towards terrestrial invertebrates.

Biocidal no data

13. Disposal Considerations

Restrictions There are no product-specific restrictions, however, local council and resource consent conditions may apply, including requirements of trade waste consents.

Disposal method Disposal of this product must comply with the Hazardous Substances (Disposal) Notice 2017 and the requirements of the Resource Management Act for which approval should be sought from the Regional Authority.

Contaminated packaging Disposal of contaminated packaging must comply with the Hazardous Substances (Disposal) Notice 2017 clause 12. Ensure that the package is rendered incapable of containing any substance and is disposed in a manner that is consistent with the requirements of the substance it contained and the material of the package. If possible reuse or recycle packaging.

14. Transport Information

Land Transport Rule: Dangerous Goods 2005 - NZS 5433:2007

There are no specific restrictions for this product (not a dangerous good).

UN number:	NA	**Proper shipping name:**	NA
Class(es)	NA	**Packing group:**	NA
Precautions:	NA	**Hazchem code:**	NA

15. Regulatory Information

This substance is not considered to be hazardous under HSNO. All ingredients appear on the NZIoC.

Specific Controls

Key workplace requirements are:

SDS Not required (non hazardous), but best practice to have the SDS available.

Inventory An inventory of all hazardous substances must be prepared and maintained.

Packaging All hazardous substances should be appropriately packaged including substances that have been decanted, transferred or manufactured for own use or have been supplied

Labelling Must comply with the Hazardous Substances (Labelling) Notice 2017.

Emergency plan Not required.

Certified handler Not required.

Tracking Not required.

Bunding & secondary containment Not required. Signage Not required.

Location compliance certificate Not required. Flammable zone Not required.

Fire extinguisher Not required.

Note: The above workplace requirements apply if only this particular substance is present. The complete set of controls for a location will depend on the classification and total quantities of other substances present in that location.

Other Legislation

In New Zealand, the use of this product may come under the Resource Management Act and Regulations, the Health and Safety at Work Act 2015 and the Health and Safety at Work (General Risk and Workplace Management) Regulations 2016, local Council Rules and Regional Council Plans.

16. Other Information

Abbreviations

Approval Code NA – non hazardous, Controls, EPA. www.epa.govt.nz

CAS Number Unique Chemical Abstracts Service Registry Number

EC50 Ecotoxic Concentration 50% – concentration in water which is fatal to 50% of a test population (e.g. daphnia, fish species)

EPA Environmental Protection Authority (New Zealand)

GHS Globally Harmonised System of Classification and Labelling of Chemicals, 7th revised edition, 2017, published by the United Nations.

HAZCHEM Code Emergency action code of numbers and letters that provide information to emergency services, especially fire fighters

HSNO Hazardous Substances and New Organisms (Act and Regulations)

IARC International Agency for Research on Cancer

LEL Lower Explosive Limit

LD50 Lethal Dose 50% – dose which is fatal to 50% of a test population (usually rats).

LC50 Lethal Concentration 50% – concentration in air which is fatal to 50% of a test population (usually rats)

NZIoC New Zealand Inventory of Chemicals

STEL Short Term Exposure Limit - The maximum airborne concentration of a chemical or biological agent to which a worker may be exposed in any 15 minute period, provided the TWA is not exceeded

STOT RE System Target Organ Toxicity – Repeated Exposure

STOT SE System Target Organ Toxicity – Single Exposure

TWA Time Weighted Average – generally referred to WES averaged over typical work day (usually 8 hours)

UEL Upper Explosive Limit

UN Number United Nations Number

WES Workplace Exposure Standard - The airborne concentration of a biological or chemical agent to which a worker may be exposed during work hours (usually 8 hours, 5 days a week). The WES relates to exposure that has been measured by personal monitoring using procedures that gather air samples in the worker's breathing zone.

References

Data Unless otherwise stated comes from the EPA HSNO chemical classification information database (CCID).

Controls EPA notices, www.epa.govt.nz, Health and Safety at Work (Hazardous Substances) Regulations 2017, www.legislation.govt.nz

WES The latest NZ Workplace Exposure Standards, published by WorkSafe NZ and available on their web site – www.worksafe.govt.nz.

Other References: Suppliers SDS

Review	Date	Reason for review
January 2023	Not applicable	New SDS

Disclaimer

This SDS was prepared by Datachem LTD and is based on our current state of knowledge, including information obtained from suppliers. The SDS is given in good faith and constitutes a guideline (not a guarantee of safety). The level of risk each substance poses is relevant to its properties (as summarised in the SDS) AND HOW THE SUBSTANCE IS USED. While guidelines are given for personal protective equipment, such precautions must be relevant to the use. The likely GHS 7 classifications for this SDS have been estimated based on general information from the supplier (e.g., hazard, toxicological). This SDS is copyright Datachem and must not be copied, edited or used for other than intended purpose. To contact the SDS author, email info@datachem.co.nz or phone: ***+64 21 1040951.***