

Material Safety Data Sheet Page 1 of 4

Infosafe No. 2RHPU Issue Date: July 2003

ISSUED by RHODIA

Product Name: **Z BOND V4 NEUTRAL CURE SILICONE SEALANT**

Not Classified as Hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name Rhodia Australia Pty Ltd (ABN 24 050 029 000)

Address 352 Ferntree Gully Road, NOTTING HILL VIC 3168

Emergency Tel. 1800 033 111

Tel/Fax Ph: (03) 9541 1000 Fax: (03) 9548 8686

Other Information

IDENTIFICATION

Product Code Z BOND V4

Product Name Z BOND V4 NEUTRAL CURE SILICONE SEALANT

Proper Shipping Name None Allocated

Name

UN Number None Allocated

DG Class None Allocated

Packing Group None Allocated

Hazchem Code None Allocated

Poisons Schedule Not Scheduled

Product Use For sealing applications on pre-cast concrete, masonry, bricks, limestone, marble, granite, wood, rigid PVC, galvanized iron, coated steels and zincalume. For other substrates and more details, contact Rhodia Australia Pty. Ltd.

Physical Data

Appearance Available in Charcoal, grey, white and beige. Other colours can be matched to customer's requirements.

Specific Gravity 1.3 (Water = 1)

Flamm. Limit LEL Non-flammable

Other Properties

Volatile Less than 10%

Component

Form Non-flowing thixotropic paste

Decomposition Temp. >200°C

Temp.

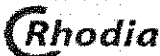
Formula Compounded silicone sealant.

Ingredients

Information A proprietary mixture containing polydimethylsiloxanes, plasticisers, amorphous silica, organosilanes, organotin compounds, and inorganic pigment.

Components presenting hazard: Vinylsilane trimethoxy (CAS: 2768-02-7): <2% - EEC Classification: Xn; R2

>>Further information: During use, on contact with humidity in the air releases: Methanol (CAS: 67-56-1): 1.3% (max) - EEC Classification: T; R23/24/25-39/23/24/25.



Material Safety Data Sheet Page 2 of 4

Infosafe No. 2RHPU Issue Date: July 2003

ISSUED by RHODIA

Product Name: Z BOND V4 NEUTRAL CURE SILICONE SEALANT

Not Classified as Hazardous according to criteria of NOHSC

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed May cause irritation to mouth, throat and stomach.
Acute - Eye A moderate eye irritant.
Acute - Skin Repeated or prolonged skin contact may lead to irritation.
Acute - Inhaled High concentrations of vapour may cause irritation of the respiratory tract.
Chronic Health Hazard Chronic exposure to vapours may cause inflammation of the nose, mouth, throat and bronchi. (No vapour is emitted after full cure).

First Aid

Swallowed Give water or milk to drink. DO NOT induce vomiting. Seek immediate medical assistance.
Eye Irrigate with copious quantity of water for 15 minutes. Seek medical assistance if symptoms persist.
Skin Wash with plenty of soap and water.
Inhaled Remove to fresh air.

Advice to Doctor

Advice to Doctor All treatments should be based on observed signs and symptoms of distress of the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically. No specific antidote available.
Consult Poisons Information Centre.

Other Health Hazard Information

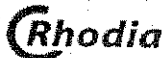
PRECAUTIONS FOR USE

Exposure Limits See below
Other Exposure Info. No exposure limit is assigned to the mixture. Volatile alcohols are released during cure - For ethylglycol: TLV TWA = 5 ppm (19 mg/m³) - For methanol : TLV TWA = 200 ppm (260 mg/m³) - For ethanol : TLV TWA = 1000 ppm (1900 mg/m³)
Eng. Controls Avoid breathing in vapours. Use with adequate ventilation.

Personal Protection

Protective Equip. Avoid skin and eye contact. Wear eye protection to prevent any reasonable probability of eye contact.
Work/Hygienic Practices Personal hygiene is an important work practice exposure control measure and the following general measures should be undertaken when working with or handling this material:

- (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- (3) Wash exposed skin promptly to remove accidental splashes of contact with this material.

 Rhodia

Material Safety Data Sheet Page 3 of 4

Infosafe No. 2RHPU Issue Date: July 2003 ISSUED by RHODIA
Product Name: Z BOND V4 NEUTRAL CURE SILICONE SEALANT
Not Classified as Hazardous according to criteria of NOHSC

Flammability

Fire Hazards Non-flammable. Combustible. Will burn if involved in a fire but not considered to be a significant fire risk. The main combustion products are silica, carbon dioxide and carbon monoxide.

Other Precautions Safe working practice and good hygiene should be observed.

SAFE HANDLING INFORMATION

Storage and Transport

Storage Keep product dry to prevent lumping or possible deterioration.

Precautions

Other Storage Info. The foregoing data applies to the uncured sealant. The hazards associated with this product are due mainly to the reactive silane crosslinkers, and the vapours given off when the sealant reacts with moisture in the air. When curing is complete, the resulting product is an inert, non-toxic, silicone elastomer.

Proper Shipping Name None Allocated

EPG Number

IERG Number

Spills and Disposal

Spills & Disposal Normally suitable for local incineration. Consult local regulations.
Non-biodegradable.

Fire/Explosion Hazard

Fire/Explos. Hazard Low hazard. Non-flammable paste. Forms essentially amorphous silica, carbon dioxide and carbon monoxide on combustion. Fire can be extinguished by carbon dioxide, powder or water type extinguisher.

Hazardous Reaction The product is considered stable under normal handling conditions.

Hazchem Code None Allocated

OTHER INFORMATION

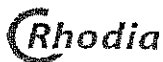
Toxicology Volatile alcohols set free upon curing present notable risk of toxicity, when large amounts of the product is used in an enclosed area, e.g. a small unventilated bathroom. Amorphous silica and other fine powder ingredients are bound in the paste mixture and do not present any risk of toxicity under normal conditions of use and handling.

Environ. Protection Non-biodegradable. No negative ecological effects are known.

Pkg. & Labelling Keep in original airtight container to prevent degradation.

Regulatory Information All ingredients are listed in the Australian Inventory of Chemical Substances.

Technical Data All ingredients are listed in the Australian Inventory of Chemical Substances.



Material Safety Data Sheet Page 4 of 4

Infosafe No. 2RHPU

Issue Date: July 2003

ISSUED by RHODIA

Product Name: Z BOND V4 NEUTRAL CURE SILICONE SEALANT

Not Classified as Hazardous according to criteria of NOHSC

References

1. Australian Health Minister's Advisory Council, 'Standard for the uniform scheduling of drugs and poisons,' No 11., AGPS, Canberra, 1996.
2. National Occupational Health and Safety Commission, 'National Code of Practice for the Preparation of Material Safety Data Sheets' [NOHSC:2011(1994)], AGPS, Canberra, 1994.
3. National Occupational Health and Safety Commission, 'List of Designated Hazardous Substances' [NOHSC:10005(1994)], AGPS, Canberra, 1994.
4. National Occupational Health and Safety Commission, 'Exposure Standards for Atmospheric Contaminants in the Occupational Environment' [NOHSC:1003(1995)], AGPS, Canberra, 1995.
5. National Occupational Health and Safety Commission, 'Approved Criteria for Classifying Hazardous Substances' [NOHSC:1008(1994)], AGPS, Canberra, 1994.
6. Commonwealth of Australia, 'Australian Code for the Transport of Dangerous Goods by Road and Rail,' 6th Ed., AGPS, Canberra, 1998.
7. Rhodia internal data.

CONTACT POINT

Contact

Plant Chemist
Rhodia Australia Pty Ltd. Telephone (03) 9541 1000
EMERGENCY TELEPHONE: 1800 033 111 (ALL HOURS)

ADVICE TO THE USER:

This Material Safety Data Sheet should be used in conjunction with the Technical Data Sheets. It does not replace them. The information given is based on our knowledge of the health and safety data of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any purpose other than that for which it was intended. If clarification or further information is needed to enable appropriate risk assessment, the user should contact Rhodia Australia. Our responsibility for products sold is subject to our standard terms and conditions sent to customers. No liability whatsoever can be accepted with regard to the handling, processing or use of the product concerned which, in all cases, shall be in accordance with the appropriate regulations and/or legislation.

...End of Report...

