



Davco Construction Materials Pty Limited

ABN 28 093 876 558

MATERIAL SAFETY DATA SHEET

1. Identification of Material and Supplier

Product Name **Sound Zero Liquid**

Other Names n.all.

Recommended Use As one part of a two part flexible ceramic tile underlay acoustic underlay.

Supplier Name **Davco Construction Materials Pty Ltd**

Address **67 Elizabeth St, Wetherill Park, NSW, Australia 2164**

Web Address **www.davco.com.au**

Telephone **61 2 9616 3000** **Facsimile** **61 2 9725 5551**

Emergency Telephone **1800 807 001** **Technical Support** **1800 653 347**

2. Hazards Identification

Hazard Classification **This product is non-hazardous according to the criteria of the NOHSC. All components are listed on the AICS. Not a DG substance according to the ADG Code. Not a scheduled poison according to the SUSDP.**

Risk Phrases None allocated (see also page 2)

Safety Phrases None allocated (see also page 3)

3. Composition/Information on Ingredients

Chemical Identity

All ingredients have been determined to be non-hazardous or below cut off values

Proportion

to 100 %

CAS No

n.a.

4. First Aid Measures

4.1 Symptoms of Exposure by Route

SWALLOWED

Minor amounts ingested incidental to normal handling will have little or no effect. Larger amounts deliberately ingested will be potentially harmful and cause nausea, vomiting and stomach discomfort.

EYE

May cause moderate to serious eye irritation and must be promptly removed by flushing.

SKIN

May cause moderate irritation. Should be promptly removed by washing with soap and water.

INHALED

Vapour may cause slight to moderate irritation to upper respiratory tract.

4.2 First Aid Instructions

SWALLOWED

Do not induce vomiting. Rinse mouth clear with water and give two 300 ml glasses of water to drink. If patient involuntarily vomits encourage to lean forward to avoid aspirating. If symptoms persist seek prompt medical help.

EYE

Immediately: Hold eye open and flush with clean water for at least 15 minutes. While flushing, gently pull upper and lower eyelids away from eyes and ensure carefully flushed. If symptoms persist seek prompt medical attention.

SKIN

Remove contaminated clothing and footwear (while under safety shower if appropriate). Flush affected area with water for 3-5 minutes followed by washing gently with soap and water for a further 5 minutes. Rinse well and pat dry. If symptoms persist seek prompt medical attention.

INHALED

Remove patient (while wearing SCBA if concentrations are high) to fresh air. Allow to rest. Rinse mouth and nose with water. Provide artificial respiration if breathing stops. Seek urgent medical attention unless recovery is virtually immediate.

FIRST AID FACILITIES

Provide normal industrial first aid facilities including eye-wash stations and safety showers as appropriate.

Notes to Physician (for symptoms of over-exposure to this product see above)

Possible symptoms of Chronic Health Effects

Prolonged or repeated skin exposure may cause drying and cracking of the skin.

Possible aggravated pre-existing conditions

None reported

Suggested treatment for acute symptoms, known antidotes

Provide supportive care and treatment based on the patient's reaction to the exposure. For further information contact the :

POISONS INFORMATION CENTRE 13 11 26 in all States

5. Fire Fighting Measures

5.1 Flammability and Explosion Hazards

Containers may rupture in fire conditions due to steam pressure. Product is non-flammable as sold but may burn when water content has boiled off.

5.2 Hazardous Combustion Products

CO_x and NO_x

5.3 Suitable Extinguishing Media

Select to suit surrounding fires or use water as fine spray or fog.

Hazchem Code^a.

5.4 Precautions for Fire Fighters and Special Equipment

Wear SCBA and full turn out clothing. Avoid bodily contact with substance or run-off. Contain run-off waters for later collection and controlled disposal.

6. Accidental Release Measures

6.1 Emergency Procedures – Spills and Leaks (See Section 13 for disposal considerations)

Prevent material entering drains or waterways. Send unnecessary personnel out of area. Wear full protective clothing including rubber boots and respirator. Spread sand, soil or other inert absorbent over the pool. When saturated collect into metal or plastic drums or pails. Fit lids, label and place containers in a safe area to await disposal.

7. Handling and Storage

7.1 Handling Advice

Wear suitable protective clothing. Avoid unnecessary bodily contact with product.

7.2 Storage Advice

Store in a cool, dry and well-ventilated area. Keep containers closed when not in use.

8. Exposure Controls/ Personal Protection

8.1 Exposure Standards

No exposure standards have been set by the NOHSC for this product or its ingredients in the proportions present in the product.

Substance

TWA

STEL

8.2 Engineering Control Methods

If used out doors natural ventilation is normally adequate. If used in enclosed spaces with poor ventilation provide mechanical ventilation to comfort levels.

8.3 Personal Protective Equipment

Respiratory Protection

Not usually required. If vapour concentration in a confined space is uncomfortably high use respirator fitted with an organic vapour filter to AS 1715 & 1716. Use SCBA in confined spaces.

Eye Protection

Not normally required. If mists or splashes are likely wear safety goggles or full face shield to AS 1337.

Gloves

When mixing and applying wear rubber, PVA or neoprene gloves to AS 2161.

Clothing

Wear cotton or Tyvec coveralls fastened at the neck and wrist. Supplement with a rubber or PVA apron if required.

9. Physical and Chemical Properties

Appearance:	Milky white liquid	Odour:	mild ammonia odour
Freezing/ Melting Point:	n.d.	Boiling Point:	Initial 100 °C
Density:	1.06	Vapour Pressure:	n.d.
Solubility in water :	insoluble	Volatiles: Percent	n.d.
Flash Point:	n.a.	Flammability Limits:	n.a.
Ignition Point:	n.a.		
Other Properties	An aqueous solution containing no hazardous ingredients at values greater than the cut-off point.		

10. Stability and Reactivity

Under all normal circumstances of use and handling the product is completely stable.

11. Toxicological Information

No relevant data.

12. Ecological Consideration

May have an adverse effect of aquatic organisms if large amount released to water. Slowly biodegrades.

13. Disposal Considerations

Disposal must be in accordance with local regulations for non-hazardous chemical wastes.

14. Transport Information

Requirements under the ADG Code, the IMDG Code or the IATA DG Regulations do not apply to this product.

15. Regulatory Information

No special labelling requirements under the *Code of Practice for the labelling of Workplace Substances (NOHSC:2012[1994])*, the *ADG Code* or the *SUSDP* apply to this product.

16. Other Information

Date Prepared/Amended: 6/12/2005 New MSDS (Version 1.1) to comply with National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition NOHSC: 2011 (2003)

Data Sources used: in the preparation of this MSDS include: "*Chempendium*" and "*MSDS plus Cheminfo*" published in CD format by CCOHS Canada 2003 - 4. "*TOMES*" a CD database published by Micromedex, USA, "*Hazardous Properties of Industrial Materials*" Van Nostrand Reinhold NY, USA . "*List of Designated Hazardous Substances*" NOHSC 10005:1999, "*National Exposure Standards*" NOHSC 1003:1995 . **Abbreviations used:** n.d = not determined, n.a = not applicable, n.all =not allocated, SUSDP = Standard for the Uniform Scheduling of Drugs and Poisons, ADG = Australian Dangerous Goods Code, IATA = International Air Transport Association, (Dangerous Goods Regulations), IMDG = International Maritime Dangerous Goods (Code)

Disclaimer

No representative of Davco Construction Materials Pty Ltd or any other person has authority to add to, or alter in any way, any MSDS or the information supplied thereon. Any alterations render this MSDS invalid. The information contained herein is believed by Davco Construction Materials Pty Ltd and SSC Pty Ltd to be accurate at the issue date shown and in accordance with information available to us. Persons dealing with the products referred to in this MSDS do so at their own risk since their actions are beyond our control. Davco Construction Materials Pty Ltd and SSC Pty Ltd accepts no liability whatsoever for damage or injury arising from the use of the information contained in this document



Davco Construction Materials Pty Limited

ABN 28 093 876 558

MATERIAL SAFETY DATA SHEET

1. Identification of Material and Supplier

Product Name **Sound Zero Powder**

Other Names n.all.

Recommended Use As one part of a two part flexible ceramic acoustic underlay.

Supplier Name **Davco Construction Materials Pty Ltd**

Address **67 Elizabeth St, Wetherill Park, NSW, Australia 2164**

Web Address **www.davco.com.au**

Telephone **61 2 9616 3000** **Facsimile** **61 2 9725 5551**

Emergency Telephone **1800 807 001** **Technical Support** **1800 653 347**

2. Hazards Identification

Hazard Classification **This product is hazardous according to the criteria of the NOHSC. All components are listed on the AICS.**
Not a DG substance according to the ADG Code. Not a scheduled poison according to the SUSDP.

Risk Phrases R 36/37 Irritating to eyes and respiratory system. R 66 Repeated exposures may cause skin dryness and cracking.
R 68 Possible risk of irreversible effects.

Safety Phrases S 22 Do not breathe dusts. S 24 Avoid contact with skin. S 25 Avoid contact with eyes. S 36 Wear suitable protective clothing. S 38 In case of insufficient ventilation, wear respiratory protection.

3. Composition/Information on Ingredients

Chemical Identity	Proportion	CAS No
Crystalline silica as quartz	10 - 30 %	14808-60-7
Ingredients determined to be non-hazardous or below cut off values	to 100 %	n.a.

4. First Aid Measures

4.1 Symptoms of Exposure by Route

SWALLOWED

Minor amounts ingested incidental to normal handling will have little or no effect. Larger amounts deliberately ingested will cause nausea, vomiting and stomach discomfort.

EYE

May cause moderate eye irritation and must be promptly removed by flushing.

SKIN

May cause minor irritation. Should be promptly removed by washing with soap and water.

INHALED

Dusts may cause slight to moderate irritation to upper respiratory tract. Prolonged or repeated inhalation of dusts may lead to various lung disorders, including, in serious prolonged cases, lung cancer

4.2 First Aid Instructions

SWALLOWED

Do not induce vomiting. Rinse mouth clear with water and give two 300 ml glasses of water to drink. If patient involuntarily vomits encourage to lean forward to avoid aspirating. If symptoms persist seek prompt medical help.

EYE

Immediately: Hold eye open and flush with clean water for at least 15 minutes. While flushing, gently pull upper and lower eyelids away from eyes and ensure carefully flushed. If symptoms persist seek prompt medical attention.

SKIN

Remove contaminated clothing and footwear (while under safety shower if appropriate). Flush affected area with water for 3-5 minutes followed by washing gently with soap and water for a further 5 minutes. Rinse well and pat dry. If symptoms persist seek prompt medical attention.

INHALED

Remove patient (while wearing SCBA if concentrations are high) to fresh air. Allow to rest. Rinse mouth and nose with water. Provide artificial respiration if breathing stops. Seek urgent medical attention unless recovery is virtually immediate.

FIRST AID FACILITIES

Provide normal industrial first aid facilities including eye-wash stations and safety showers as appropriate.

Notes to Physician (for symptoms of over-exposure to this product see above)

Possible symptoms of Chronic Health Effects

Prolonged or repeated skin exposure may cause drying and cracking of the skin. Prolonged or repeated inhalation of dusts may lead to diseases of the lung including, in severe cases, lung cancers.

Possible aggravated pre-existing conditions

None reported

Suggested treatment for acute symptoms, known antidotes

Provide supportive care and treatment based on the patient's reaction to the exposure. For further information contact the :

POISONS INFORMATION CENTRE 13 11 26 in all States

5. Fire Fighting Measures

5.1 Flammability and Explosion Hazards

May ignite and burn at elevated temperatures.

5.2 Hazardous Combustion Products

CO_x and NO_x

5.3 Suitable Extinguishing Media

Select to suit surrounding fires or use water as fine spray or fog.

Hazchem Code: a.

5.4 Precautions for Fire Fighters and Special Equipment

Wear SCBA and full turn out clothing. Avoid bodily contact with substance or run-off. Contain run-off waters for later collection and controlled disposal.

6. Accidental Release Measures

6.1 Emergency Procedures – Spills and Leaks (See Section 13 for disposal considerations)

Prevent product entering drains or waterways. Send unnecessary personnel out of area. Wear full protective clothing including rubber boots and respirator. Avoid creating excess dust clouds during clean up. Sweep or shovel up and collect into metal or plastic drums or pails. Fit lids, label and place containers in a safe area to await disposal.

7. Handling and Storage

7.1 Handling Advice

Wear suitable protective clothing. Avoid unnecessary bodily contact with product.

7.2 Storage Advice

Store in a cool, dry and well-ventilated area. Keep containers closed when not in use.

8. Exposure Controls/ Personal Protection

8.1 Exposure Standards

No exposure standards have been set by the NOHSC for this product. Crystalline silica as quartz has been allocated an Exposure Standard:

<i>Substance</i>	<i>TWA</i>	<i>STEL</i>
Crystalline silica as quartz	0.1 mg/m ³	n.all.

8.2 Engineering Control Methods

If used outdoors natural ventilation is normally adequate. If used in enclosed spaces with poor ventilation provide mechanical ventilation/dust extraction equipment to ensure air quality is below the Exposure Standards set.

8.3 Personal Protective Equipment

Respiratory Protection

Use good quality dust mask. If dust concentrations are high use respirator fitted with a particulate filter to AS 1715 & 1716. In confined spaces use SCBA.

Eye Protection

Not normally required. If mists or splashes are likely during mixing wear safety goggles or full face shield to AS 1337.

Gloves

When mixing and applying wear rubber, PVA or neoprene gloves to AS 2161.

Clothing

Wear cotton or Tyvec coveralls fastened at the neck and wrist. Supplement with a rubber or PVA apron if required.

9. Physical and Chemical Properties

Appearance:	White-greyish powder	Odour:	mild cementitious
Freezing/ Melting Point:	n.d.	Boiling Point:	n.d.
Density:	Bulk 73g/100 mL	Vapour Pressure:	n.d.
Solubility in water :	insoluble	Volatiles: Percent	n.d.
Flash Point:	n.a.	Flammability Limits:	n.a.
Ignition Point:	n.a.		
Other Properties	A dry, virtually inert powder.		

10. Stability and Reactivity

Under all normal circumstances of use and handling the product is completely stable.

11. Toxicological Information

No relevant data.

12. Ecological Consideration

May have an adverse effect of aquatic organisms if large amount released to water. Slowly biodegrades.

13. Disposal Considerations

Disposal must be in accordance with local regulations for non-hazardous chemical wastes. Ensure dry waste powder is buried or other wise prevented from blowing about.

14. Transport Information

Requirements under the ADG Code, the IMDG Code or the IATA DG Regulations do not apply to this product.

15. Regulatory Information

Labelling requirements under the *Code of Practice for the labelling of Workplace Substances (NOHSC:2012[1994])* apply to this product. Display the word HAZARDOUS and the risks and safety phrases shown on page one of this MSDS. , the *ADG Code* or the *SUSDP* requirements do not apply to this product.

16. Other Information

Date Prepared/Amended: 6/12/2005 New MSDS (Version 1.1) to comply with National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition NOHSC: 2011 (2003)

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