



Material Safety Data Sheet

Infosafe No. LPT4G Issue Date : August 2004 ISSUED by PARCHEMC

Product Name : **DURAFLOOR TF FILLERS**

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name DURAFLOOR TF FILLERS
Product Use Filler component of epoxy flooring system.
Company Name Parchem Construction Products Pty Ltd (ABN 80 069 961 968)
Address 7 Lucca Road Wyong
NSW 2259 Australia
Emergency Tel. 1800 638 556
Telephone Number/Fax Tel: 02 4350 5000 Fax: 02 4351 2024
Other Information This MSDS summaries at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Parchem Construction Products Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.
If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard term and conditions, a copy of which is sent to our customers and is also available upon request.

www.parchem.com.au

2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition, information on ingredients Crystalline silica as quartz contains a small proportion of respirable crystalline silica and provided reasonable precautions (respiratory protection) are taken this product is safe to handle.

Ingredients	Name	CAS	Proportion
	Silica (crystalline-quartz)	14808-60-7	60-100 %
	Other ingredients determined not to be hazardous		to 100%

3. HAZARDS IDENTIFICATION

Classified as Hazardous according to the criteria of the NOHSC.
Not classified as dangerous goods according to the ADG Code.
RISK PHRASES:
May cause cancer by inhalation.
SAFETY PHRASES:
Do not breathe dust.
If insufficient ventilation, wear suitable respiratory equipment.

4. FIRST AID MEASURES

Inhalation Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop seek medical attention.
Ingestion Do not induce vomiting. Seek medical advice if symptoms develop or large amount ingested.
Skin Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.
Eye If contact with the eye(s) occur, wash with running water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. In all cases of eye contamination it is a sensible precaution to seek medical advice.
First Aid Facilities Eyewash and normal washroom facilities.
Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES



Material Safety Data Sheet

Infosafe No. LPT4G Issue Date : August 2004 ISSUED by PARCHEMC

Product Name : **DURAFLOOR TF FILLERS**

Classified as hazardous according to criteria of NOHSC

Extinguishing Media Use appropriate fire extinguisher for surrounding environment.

Specific Hazards

Protective Equipment Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA).

6. ACCIDENTAL RELEASE MEASURES

Increase ventilation. Remove all unnecessary personnel. Wear sufficient respiratory protection and protective clothing to minimise skin and eye exposure and inhalation of dusts. Sweep up or vacuum material avoiding dust generation or dampen spilled material with water to avoid airborne dust, then transfer material to a suitable container. Use absorbent paper dampened with water to pick up remaining material. Wash surfaces well with soap and water. Seal all wastes in dust tight labelled plastic containers for eventual disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Handling Avoid generating and inhaling dusts. Use appropriate respirator when required. Repair broken bags immediately.

Storage Store in dry area. Keep containers closed at all times

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits No exposure standards have been established for this material by the National Occupational Health & Safety Commission (NOHSC). However, exposure standards for ingredients are stated below:

Substance	TWA		STEL		NOTICE
	ppm	mg/m ³	ppm	mg/m ³	
Crystalline Silica	-	0.2	-	-	Cat 1 Carcinogen

Other Exposure Information

TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.
STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.
According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers.
These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Respiratory Protection

Where dust is generated, and exposure levels do not exceed ten times the Workplace Exposure Standards, a half face piece respirator fitted with a P1 filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended.
Where exposure levels do exceed ten times the Workplace Exposure Standard, then a full face-piece respirator fitted with a P2/P3 filter, or a powered air-supplied respirator fitted with a P2 filter, should be used. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances. Filter capacity and respirator type depends on exposure levels. Particulate filter classification and respirator type depends on the type of particulate i.e. dust or fume and the exposure levels.
Final choice of appropriate respiratory protection will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments.

Eye Protection

Safety glasses with side shields or goggles should be worn as described in Australian Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Final choice of appropriate eye/face protection will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments.



Material Safety Data Sheet

Infosafe No.	LPT4G	Issue Date : August 2004	ISSUED by PARCHEMC
--------------	-------	--------------------------	--------------------

Product Name : **DURAFLOOR TF FILLERS**

Classified as hazardous according to criteria of NOHSC

Hand Protection	Wear gloves of impervious material conforming to AS/NZS 2161: Occupational protective gloves - Selection, use and maintenance. Final choice of appropriate glove type will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments. Advice should be sought from appropriate glove manufacturers in order to ensure gloves are correct for application.
Body Protection	Suitable workwear should be worn to protect personal clothing, eg cotton overalls buttoned at neck and wrist. Dusty clothing should be laundered before reuse. Use precautionary measures to avoid creating dust when removing or laundering clothes.
Eng. Controls	Use in well ventilated areas. In confined spaces the use of local exhaust ventilation system is recommended. Air concentrations of components should be controlled as low as possible. Keep containers closed when not in use.
Hygiene Measures	Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Fine sands.
Odour	Odourless.
Melting Point	Not applicable
Boiling Point	Not applicable
Solubility in Water	Insoluble
Vapour Pressure	Not applicable
Flash Point	Not applicable
Flammability	Product is non-flammable.
Flammable Limits	Not applicable
LEL	
Flammable Limits	Not applicable
UEL	

10. STABILITY AND REACTIVITY

Stability	Stable.
Hazardous	Will not occur.
Polymerization	
Materials to Avoid	STRONG OXIDIZERS (such as FLUORINE, CHLORINE TRIFLUORIDE, MANGANESE TRIOXIDE, OXYGEN DIFLUORIDE, and HYDROGEN PEROXIDE); ACETYLENE; and AMMONIA.
Hazardous Decomposition Products	Under fire conditions this product may produce hazardous dusts (crystalline silica) and minor ingredients could produce oxides of carbon.
Hazardous Reaction	

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data is available for this specific product, however toxicity data found for constituents are stated below: Crystalline silica is classified as a Class 1 Human Carcinogen according to IARC (International Agency for Research on Cancer), however the NATIONAL OCCUPATIONAL HEALTH & SAFETY COMMISSION NOHSC) has yet to classify crystalline silica as a human carcinogen. Repeated exposure to respirable crystalline silica dust may lead to silicosis, or other serious delayed lung injury. The onset of silicosis is usually slow and lung damage may occur even when no symptoms or signs of ill-health have occurred. Silicosis can develop to a more serious degree even after exposure has ceased, and may also lead to other diseases including heart disease and scleroderma. Exposure to fine dust (respirable crystalline silica dust) contained in the products must be prevented to avoid risk of lung disease.
Inhalation	Will irritate respiratory tract and may cause coughing and sneezing. Prolonged exposure to high dust concentrations may cause serious pulmonary disorders.
Ingestion	Ingestion of large quantities of this product may irritate the gastric tract, causing nausea and vomiting.



Material Safety Data Sheet

Page: 4 of 4

Infosafe No. LPT4G Issue Date : August 2004 ISSUED by PARCHEMC

Product Name : **DURAFLOOR TF FILLERS**

Classified as hazardous according to criteria of NOHSC

Skin May cause irritation resulting in redness, itching and dermatitis.
Eye Dust may cause irritation or inflammation by mechanical abrasion.

12. ECOLOGICAL INFORMATION

Environ. Protection Not expected to create environmental hazards unless dumped in massive quantity.
Mobility Not available.
Persistence / Degradability Not available.
Bioaccumulation Not available.
Ecotoxicity Not available.

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with the relevant local, state and federal government regulations.

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
ADG U.N. Number None Allocated
ADG Proper Shipping Name None Allocated
ADG DG Class None Allocated
ADG Hazchem Code None Allocated
ADG Packing Group None Allocated
Storage and Transport Keep in dry, cool and well ventilated area. No regulatory requirements apply to the transport of this product.

15. REGULATORY INFORMATION

Risk Phrase R49(2) May cause cancer by inhalation.
Safety Phrase S22 Do not breathe dust.
S38 If insufficient ventilation, wear suitable respiratory equipment.
Poisons Schedule Not Scheduled
Hazard Category Toxic

16. OTHER INFORMATION

Contact Person/Point Technical Support: 1800 812 864
SDS History MSDS Creation: August 2004
...End Of MSDS...