

8Z098A
D3000 FLUOROMAX MSDS
Version No. 3 Date Last Revised 12/09/2008

Safety Data Sheet

Customer Not Specified

Sales Ord. No :

Product Code

8Z098A

Date Sent

10/12/2008

1. Product and company identification

Not classified as Hazardous according to criteria of the Australian Safety and Compensation Council.

This product is not a Dangerous Good for Transport.

Product Name

D3000 FLUOROMAX MSDS

Product Code

8Z098A

Intended use

This product is intended for use in the powder coatings market.

Refer Technical Data Sheet.

For professional use only.

Application Method

Apply by automatic electrostatic spray.

Refer Technical Data Sheet.

Company Name

Akzo Nobel Pty Limited

51 McIntyre Road

Sunshine North

Victoria 3020

Australia

Telephone No.

(03) 9313 4555

Fax No.

(03) 9311 9141

24 hour Emergency Telephone No.

1800 807 001

For Poisons Advice telephone

131 126 For Advice to Doctors & Hospitals only

2. Hazard Identification

S23 - Do not breathe vapour/spray.

S51 - Use only in well-ventilated areas.

Poison Schedule: none assigned

HSNO Number: Not Applicable

Further information is given in section 11.

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Akzo Nobel however makes no warranty as to the accuracy of and/or sufficiency of such information.

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3. Composition / information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations. Users are referred to the Australian Safety and Compensation Council (ASCC) website www.ascsc.gov.au for more information.

Ingredient	CAS Number	Concentration Range%	Symbol(s)	Risk phrases (*)
Barium Sulphate	007727-43-7	10 - 25		
Titanium dioxide	013463-67-7	2.5 - 10		
Chrome oxide	001308-38-9	<1		
Aluminum oxide	001344-28-1	<1		
Crystalline Silica - Quartz	014808-60-7	<1	Xn	R48/20

Other ingredients in this product have been determined not to be hazardous

* The full text of the above phrases are shown in section 16.

4. First aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

Inhalation

Not expected to be acutely toxic by inhalation.

All dusts are irritants, therefore inhalation of dusts should be avoided. Exposures to high dust concentrations may cause irritation to the mucous membrane of the respiratory system and the eyes. Symptoms may include reddening, swelling, itching, weeping, sneezing and coughing.

Wash out nose and mouth with water. Remove to fresh air if any effects apparent. Seek medical attention if any effects persist.

Eye Contact

Expected to cause no more than minor eye irritation. Dust in the eyes may cause irritation or corneal injury due to mechanical action.

Irrigate copiously with clean fresh water for 10 minutes, holding eyelids apart. Seek medical attention if irritation persists.

Skin Contact

Skin contact may cause mild irritation. Prolonged and/or repeated contact may lead to irritant contact dermatitis.

Wash effected areas with soap and water. Seek medical attention if irritation persists.

Ingestion

Moderately toxic when ingested.

Thoroughly rinse mouth with clean water.

If swallowed DO NOT induce vomiting. Give a glass of water to achieve effective dilution. Seek medical attention.

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5. Fire-fighting measures

This product is combustible.
Material will burn, emitting carbon oxide combustion products.
Possibility of dust explosions, depending on the dust concentration in the air and ignition sources present.

Recommended extinguishing media; water spray, foam (large fires) - CO₂, powder (small fires). When entering enclosed areas, wear self contained breathing apparatus.

Do not allow contaminants and water from fire fighting to enter drains or water courses.

6. Accidental release measures

Wear protective equipment as listed in Section 8 during clean up operations.
Vacuum spills to keep dust down, do not sweep. Ventilate area.

Do not allow into water courses.

If drains, sewers, streams or lakes are contaminated contact the relevant Environment Protection Agency or local authority.

7. Handling and storage

Handling

Handle carefully as the powder is very fine and can spread. Handlers of powders should wash hands and face prior to meals and smoking.

In Storage

Handle containers carefully to prevent damage and spillage.

In Use

Avoid skin and eye contact. Avoid inhalation of dust. Observe label precautions. Use personal protection equipment as shown in section 8.

Smoking, eating and drinking should be prohibited in all preparation and application areas.

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Storage

Store in a cool dry area (below 25C), away from heat, sparks and open flame.
Keep containers sealed when not in use.
Store out of direct sunlight.

8. Exposure controls and personal protection

Engineering Measures

Good housekeeping is required to keep airborne dusts to a minimum to avoid the possibility of dust explosions. Take care to clean down all horizontal surfaces where dust can accumulate.
Ensure all equipment is correctly earthed.
Use local exhaust ventilation and / or general ventilation to maintain dust levels below the recommended exposure limits. Exhaust ventilation is required at the point of application. This should be sufficient to maintain levels below the recommended exposure standards.

Application of this product should be in accordance with AS/NZS3754 (Safe Application of Powder Coatings by Electrostatic Spraying).

Exposure Limits

From the ASCC "Exposure Standards for Atmospheric Contaminants in the Occupational Environment". For detailed information refer to the ASCC web site (www.ascc.gov.au).

Material	Short term (15 min. ave)		Long term (8hr time weighted average)	
	ppm	mg/M3	ppm	mg/M3
Barium Sulphate	-	-	-	10
Chrome oxide	-	-	-	0.5
Crystalline Silica - Quartz	-	-	-	0.2
Titanium dioxide	-	-	-	10

Chemicals classified as hazardous by the ASCC may have a notification alongside the exposure standard. If such a notification is necessary, it will appear in the far right hand column. The legend is as follows:

- (P) Peak exposure limit
- (R) Suppliers Recommended Limit
- (Sk) There is a risk of absorption through unbroken skin
- (Sen) Sensitiser
- (Cat1) Category 1 - established human carcinogen
- (Cat2) Category 2 - probable human carcinogen
- (Cat3) Category 3 - substances suspected of having carcinogenic potential.

There is no biological limit allocated.

Personal Protection

Respiratory Protection

In ventilated areas and spray booths that will maintain exposure levels below the recommended limits - no respiratory equipment is required.
If exposed to dust, wear a dust mask or cartridge respirator fitted with a dust cartridge. In confined areas, use an approved air line respirator or hood.
Refer to AS/NZS1715 Selection, use and maintenance of respiratory protection devices.

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Eye Protection

Wear safety glasses with side shields to protect the eyes. An eye wash station is suggested as a good workplace practice.

Hand Protection

Wear PVC or rubber gloves.

Skin Protection

Wear overalls to keep skin contact to a minimum. Users of this product may also consider using hoods or balaclava's to protect the face.

9. Physical and chemical properties

Physical State	Powder
Colour	Coloured
Flash Point (deg C closed cup)	N/A
Autoignition temperature	---
Viscosity (cSt)	N/A
Specific Gravity	1.603
Solvent Weight %	0.00
Vapour Density	Heavier than air.
pH	N/A
Lower Explosive Limit (%v/v air)	N/A
Solubility in Water	Immiscible
R.A.Q. to ventilate to 10% of the LEL (M3/l)	-
Odour	No smell

10. Stability and reactivity

This product is stable under normal storage and handling conditions (see section 7). When exposed to very high temperatures, may produce hazardous decomposition products such as carbon monoxide, oxides of nitrogen and smoke.

11. Toxicological information

There are no data available on the product itself.

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12. Ecological information

There are no data available on the product itself.

The product should not be allowed to enter drains or water courses.

13. Disposal considerations

Vacuum spills to keep dust down, do not sweep.

Do not allow into drains or watercourses.

As waste regulations vary, use information provided in this data sheet to obtain advice from the local Waste Regulation Authority.

14. Transport information

Transport only in accordance with the following regulations:

Road and Rail
Transport Non hazardous

IMDG reference :	Class/Div.		Subsidiary Class
	Proper Shipping Name	Non hazardous	
	UN No.		MFAG
	EMS		
	Packaging Group		
	Marine pollutant	No	
ICAO/IATA	Shipping Name	Non hazardous	
	Class		
	UN No.		
	Packaging Group		

15. Regulatory information

The following information is provided in accordance with ASCC guidelines for the labelling of Hazardous Substances.

Symbol(s)

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Contains;

R. Phrases;

S. Phrases;

S23 - Do not breathe vapour/spray.

S51 - Use only in well-ventilated areas.

P. Phrases;

16. Other information

Contact point:

HSE Department - Health and Safety Advisor
+61 (0)3 9313 4555

The information on this MSDS is based upon the present state of our knowledge and on current State and Federal laws. The product should not be used for purposes other than shown in the product data sheet without first obtaining written advice. It is always the responsibility of the user to take all necessary steps to meet the demands of applicable legislation.

The information in this Material Safety Data Sheet is required according to State and Federal legislation and following ASCC guidance (as amended).

The full text of the R phrases appearing in section 3 is:

R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation.