1. Identification of the substance/mixture and of the company/undertaking

Product name 1008S Moss Green Powdered Pearl

Product code 1008S

Intended use of the substance/preparation
Coating for professional use

Company/Undertaking Identification

Producer/Supplier	DuPont Australia Ltd
Street/Box	7 Eden Park Drive
Nat.-Code/Postal code/City	Macquarie Park NSW 2113, Australia
Telephone	(02) 9923 6111
Telefax	(02) 9923 6011

Product Information

Telephone	(02) 9923 6111

Emergency Information

Medical Emergency Phone	1800 674 415
Transportation Emergency Phone	(02) 9923 6275

For further information, please also consult our Internet site
http://www.dupont.com

2. Hazards identification

Non-Hazardous Substance. Non-Dangerous Goods.

Special hazard instructions for humans and environment
Safety data sheet available for professional user on request. Do not breathe dust.

3. Composition/information on ingredients

Chemical characterization
Mixture of synthetic resins, pigments, and solvents

Hazardous components

CAS-No.	Chemical Name	Concentration	Classification
111-76-2	2-butoxyethanol	10.00 - < 12.50 %	Xn; R20/21/22 Xi; R36/38

Additional advice
See full text of R-phrases in chapter 16.

4. First aid measures

General advice
When symptoms persist or in all cases of doubt seek medical advice. Never give anything by mouth to an unconscious person.

Inhalation
Avoid breathing dust. Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.

Skin contact
Do NOT use solvents or thinners. Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. If skin irritation persists, call a physician.

Eye contact
Remove contact lenses. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Seek medical advice.

Ingestion
If swallowed, seek medical advice immediately and show this container or label.

5. Fire-fighting measures

Hazardous combustion products
Fire will produce dense black smoke containing hazardous combustion products (see heading 10). Exposure to decomposition products may be a hazard to health.

Fire and Explosion Hazards
no data available

Suitable extinguishing media
For metal containing products, do not use water or foam. Smother with a suitable dry chemical extinguisher agent (CLass D Fire) or sand. For non-metal containing products, use universal aqueous film-forming foam, carbon dioxide or dry chemical.

Extinguishing media which shall not be used for safety reasons
High pressure inert gas, e.g. carbon dioxide jet.

Special Protective Equipment and Fire Fighting Procedures
Wear as appropriate: Full protective flameproof clothing. Wear self contained breathing apparatus for fire fighting if necessary. Do not allow run-off from fire fighting to enter drains or water courses.

Additional advice
Cool closed containers exposed to fire with water spray.

Additional information
Hazchem :

6. Accidental release measures

Personal precautions
Keep away from sources of ignition. Air out the room. Do not breathe dust. Comply with safety directives (see chapters 7 and 8).

Environmental precautions
Do not let product enter drains. Notify the respective authorities in accordance with local law in the case of contamination of rivers, lakes or waste water systems.

Methods for cleaning up
Contain and collect spillage with a electrically protected vacuum cleaner or by wet brushing and place in container for disposal according to local regulations. Do not use a dry brush as dust clouds or static can be created! Use a suitable vacuum cleaner.

7. Handling and storage

Handling
It is recommended that advice is taken from a competent occupational health practitioner on the assessment of employees with skin or respiratory complaints before the individual is exposed to the uncured product.

Safe handling advice
Precautions should be taken to prevent the formation of dusts in concentrations above flammable, explosive or occupational exposure limits. Preparation may charge electrostatically: always use grounded leads when transferring from one container to another. Operators should wear antistatic footwear and clothing. Keep away from open flames, hot surfaces and sources of ignition. Smoking, eating and drinking should be prohibited in the application area. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. For personal protection see section 8. Comply with the health and safety at work laws. If material is a coating, do not sand, flame cut, braze or weld dry coating without an appropriate respirator or appropriate ventilation, and gloves.

Advice on protection against fire and explosion
Never use pressure to empty container: container is not a pressure vessel. Always keep in containers of same material as the original one.

Storage
Requirements for storage areas and containers
Observe label precautions. Store between 5 and 25 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Advice on common storage
Store separately from oxidizing agents and strongly alkaline and strongly acidic materials.

8. Exposure controls/personal protection

Additional technical information on the plant
Do not breathe dust. Provide adequate ventilation. This should be achieved by a good general extraction and -if practically feasible- by the use of a local exhaust ventilation. If these are not sufficient to maintain exposure to dusts below the OEL, suitable respiratory protection must be worn.

National occupational exposure limits

CAS-No.	Chemical Name	Values	Control Parameters	Basis
111-76-2	2-butoxyethanol	TWA	121 mg/m3	NOHSC:1003(2003)
			25 ppm	NOHSC:1003(2003)

Protective equipment
Personal protective equipment should be worn to prevent contact with eyes, skin or clothing.

Respiratory protection
If dust formation exceeds the air concentration limits, then a respiratory protection device approved for this purpose must be worn.

Hand protection
The breakthrough time of gloves is unknown for the product itself. The glove material given is recommended on basis of the substances in the preparation.

Chemical Name	Glove material	Glove thickness	Break through time
2-butoxyethanol	Viton (R) ®	0.7 mm	480 min
	Nitrile rubber	0.33 mm	480 min

The protective glove should be checked in each case for their work specific suitability (e.g. mechanical stability, product compatibility, and anti-static properties). When the intended use is for spray application a nitrile glove of the chemical resistance group 3 (e.g. Dermatril® glove) is to be used. After contamination, the glove has to be changed. If immersing the hands into the product is not avoidable (e.g. maintenance work) a butyl or fluorocarbon rubber glove should be used. When skin exposure may occur to materials specified in section 3 of this SDS, advice should be sought from the glove supplier as to appropriate type to use with this product and the permeation breakthrough times. Care should be taken when working with sharp edged articles as these can easily damage the gloves and make them ineffective. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Damaged gloves or those showing signs of wear should be replaced immediately.

Eye protection
Eye protection (to EN 166/170) designed to protect against exposure to dusts should be worn when there is a likelihood of exposure.

Skin and body protection
Wear suitable protective clothing. Care should be taken in the selection of protective clothing.

Hygiene measures
Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use organic solvents!

Environmental exposure controls
Do not let product enter drains. For ecological information refer to section 12.

9. Physical and chemical properties

Appearance

Form: solid Colour: green Odour: Characteristic Paint Odor

Important physical and chemical information

	Value	Method
Flash point	Not applicable.	
Ignition temperature	224 °C	DIN 51794
Boiling point/boiling range	Not applicable.	
Lower explosion limit	Not applicable.	
Upper explosion limit	Not applicable.	
Vapour pressure	0.1 hPa	
Relative density	2.79 g/cm^3	DIN 53217/ISO 2811
Water solubility	immiscible	
Viscosity (23 °C)	Not applicable.	ISO 2431-1993
Solvent separation test	Not applicable.	ADR/RID
Content of volatile components (including water)	10.0%	Basis Vapour pressure >= 0.01 kPa
pH	Not applicable.	

10. Stability and reactivity

Stability
Stable

Conditions to avoid
Stable under recommended storage and handling conditions (see section 7).

Materials to avoid
Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Hazardous decomposition products
When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

11. Toxicological information

General observations
There is no data available on the product. See sections 3 and 15 for details.

Practical experience
Not applicable.

Toxicity Test Type	Value	Time	Species
2-butoxyethanol			
Oral LD50	1,746 mg/kg		rat
Dermal LD50	435 mg/kg		rabbit
Inhalation LC50	> 691 ppm	1 h	guinea pig

12. Ecological information

There are no data available on the product itself. The product should not be allowed to enter drains or watercourses. Product does not contain organic linked halogens contributing to AOX.

Mobility
No information available.

Persistence and degradability
No information available.

Bioaccumulative potential
No information available.

13. Disposal considerations

Incinerate or otherwise dispose of waste material in accordance with local regulations. The product should not be allowed to enter drains, water courses or the soil. Do not incinerate in closed containers.

14. Transport information

Not classified as dangerous in the meaning of transport regulations.

15. Regulatory information

S-phrase(s)

S22	Do not breathe dust.

Safety data sheet available for professional user on request.

Standard for the Uniform Scheduling of Drugs and Poisons.
No poison schedule number allocated.

16. Other information

Full text of R phrases with no. appearing in section 3

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R36/38	Irritating to eyes and skin.

Sources of key data used to compile the datasheet:
1. National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition (NOHSC:2011(2003))
2. Approved Criteria for Classifying Hazardous Substances (NOHSC:1008(1999))
3. List of Designated Hazardous Substances (NOHSC:10005(1999))
4. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment (NOHSC:1003(1995))
5. Australian Dangerous Goods Code, No. 6 (National Road Transport Commission)
6. Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP)
7. National Code of Practice for the Labelling of Workplace Substances ((NOHSC:2012 (1994))

Further information
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Report version

Version	Changes
2.0	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16

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