



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

Product name 1986S Velvaseal Acrylic Sealer

Product code 1986S

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

Hazardous Substance. Dangerous Goods.

Human health hazards

Classification : Toxic to Reproduction Category 2; Irritant; dangerous for the environment; Highly flammable; Highly flammable. Irritating to eyes. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. May cause harm to the unborn child. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

Special hazard instructions for humans and environment

When using do not smoke. Do not breathe fumes/vapour/spray. After contact with skin, wash immediately with plenty of soap and water. Take precautionary measures against static discharges. Wear suitable protective clothing and gloves. In case of insufficient ventilation, wear suitable respiratory equipment. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Avoid exposure - obtain special instructions before use. Avoid release to the environment. Refer to special instructions/ Safety data sheets.

3. Composition/information on ingredients

Chemical characterization

Mixture of synthetic resins, pigments, and solvents

Hazardous components

CAS-No.	Chemical Name	Concentration	Classification
67-64-1	acetone	35.00 - < 45.00 %	Xi; R36 R66 R67 F; R11
108-88-3	toluene	7.00 - < 10.00 %	F; R11 Repr.Cat.3; R63 Xn; R48/20 R65 Xi; R38 R67
98-56-6	4-chloro-a,a,a-trifluorotoluene	5.00 - < 7.00 %	R10 R52/53



CAS-No.	Chemical Name	Concentration	Classification
78-93-3	butanone	5.00 - < 7.00 %	F; R11 Xi; R36 R66 R67
85-68-7	benzyl butyl phthalate	3.00 - < 5.00 %	N; R50/53 Repr.Cat.2; R61 Repr.Cat.3; R62
1330-20-7	xylene	3.00 - < 5.00 %	R10 Xn; R20/21 Xi; R38
64742-94-5	Solvent naphtha (petroleum), heavy arom.	2.00 - < 2.50 %	N; R51/53 Xn; R65 R66 R67 NotaH
123-86-4	n-butyl acetate	1.00 - < 2.00 %	R10 R66 R67
763-69-9	ethyl 3-ethoxypropionate	1.00 - < 2.00 %	R52
67-63-0	propan-2-ol	1.00 - < 2.00 %	F; R11 Xi; R36 R67
142-82-5	heptane (mixture of isomers)	0.50 - < 1.00 %	F; R11 Xn; R65 Xi; R38 R67 N; R50/53
67-56-1	methanol	0.50 - < 1.00 %	F; R11 T; R23/24/25 T; R39/23/24/25
7779-90-0	trizinc bis(orthophosphate)	0.50 - < 1.00 %	N; R50/53
91-20-3	Naphthalene	0.10 - < 0.20 %	Carc.Cat.3; R40 Xn; R22 N; R50/53

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 inhalation of vapour or mist. Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice. 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. Do NOT induce vomiting. Keep at rest.

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

Flammable liquid. Vapours may form explosive mixtures with air. Remove all sources of ignition.

Suitable extinguishing media

Universal aqueous film-forming foam, Carbon dioxide (CO₂), Dry chemical, Water spray.

Extinguishing media which shall not be used for safety reasons

High volume water 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. In the event of fire, cool tanks with water spray. 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 : 3YE

6. Accidental release measures

Personal precautions

Keep in a well-ventilated place. Keep away from sources of ignition. Comply with safety directives (see chapters 7 and 8). Do not inhale vapours.

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 non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations. Clean preferably with a detergent; avoid use of solvents.

7. Handling and storage

Safe handling advice

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Preparation may charge electrostatically: always use grounded leads when transferring from one container to another. Operators should wear antistatic footwear and clothing. No sparking tools should be used. Avoid skin and eye contact. Do not breathe vapours or spray mist. Smoking, eating and drinking should be prohibited in the application area. 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. During baking at temperatures above 400°C, small amounts of hydrogen fluoride can be evolved; these amounts increase as temperatures. Hydrogen fluoride vapours are very toxic and cause skin and eye irritation. Above 430°C an explosive reaction may occur if finely divided fluorocarbon comes into contact with metal powder (aluminium or magnesium). Operations such as grinding, buffing or grit blasting may generate such mixtures. Avoid any dust buildup with fluorocarbons and metal mixtures.

**Advice on protection against fire and explosion**

Solvent vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. 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**

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 concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

National occupational exposure limits

CAS-No.	Chemical Name	Values	Control Parameters	Basis
67-64-1	acetone	STEL	2,375 mg/m ³ 1,000 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
		TWA	1,185 mg/m ³ 500 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
108-88-3	toluene	STEL	574 mg/m ³ 150 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
		TWA	191 mg/m ³ 50 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
98-56-6	4-chloro-a,a,a-trifluorotoluene			no exposure standard allocated
78-93-3	butanone	STEL	890 mg/m ³ 300 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
		TWA	445 mg/m ³ 150 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
85-68-7	benzyl butyl phthalate			no exposure standard allocated
1330-20-7	xylene	STEL	655 mg/m ³ 150 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
		TWA	350 mg/m ³ 80 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
64742-94-5	Solvent naphtha (petroleum), heavy arom.			no exposure standard allocated
123-86-4	n-butyl acetate	STEL	950 mg/m ³ 200 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
		TWA	713 mg/m ³ 150 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
763-69-9	ethyl 3-ethoxypropionate			no exposure standard allocated
67-63-0	propan-2-ol	STEL	1,230 mg/m ³ 500 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
		TWA	983 mg/m ³ 400 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
142-82-5	heptane (mixture of isomers)	STEL	2,050 mg/m ³ 500 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
		TWA	1,640 mg/m ³ 400 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
67-56-1	methanol	STEL	328 mg/m ³ 250 ppm	NOHSC:1003(2003) NOHSC:1003(2003)



CAS-No.	Chemical Name	Values	Control Parameters	Basis
		TWA	262 mg/m ³ 200 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
7779-90-0	trizinc bis(orthophosphate)			no exposure standard allocated
91-20-3	Naphthalene	STEL	79 mg/m ³ 15 ppm	NOHSC:1003(2003) NOHSC:1003(2003)
		TWA	52 mg/m ³ 10 ppm	NOHSC:1003(2003) NOHSC:1003(2003)

Protective equipment

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

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

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
butanone	Viton (R)®	0.7 mm	10 min
xylene	Nitrile rubber	0.33 mm	30 min
	Viton (R)®	0.7 mm	480 min
n-butyl acetate	Viton (R)®	0.7 mm	10 min
	Nitrile rubber	0.33 mm	30 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

Wear protective eyewear for protection against solvent spatter.

Skin and body protection

Wear suitable protective clothing. Personnel should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber.

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: liquid Colour: grey Odour: Characteristic Paint Odor

Important physical and chemical information

	Value	Method
Flash point	-12 °C	
Ignition temperature	370 °C	DIN 51794
Boiling point/boiling range	56 °C	



Lower explosion limit	0.9 %	
Upper explosion limit	12.8 %	
Vapour pressure	97.5 hPa	
Relative density	1.01 g/cm ³	DIN 53217/ISO 2811
Water solubility	appreciable	
Viscosity (23 °C)	Not applicable.	ISO 2431-1993
Solvent separation test	Not applicable.	ADR/RID
Content of volatile components (including water)	68.8%	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

In the event of fire Carbon monoxide, fluorinated hydrocarbons, hydrogen fluoride, nitrogen oxides may be formed.

11. Toxicological information

General observations

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

Practical experience

Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effect such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Through skin resorption, solvents can cause some of the effects described here. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage. The thermal decomposition vapours of fluorinated polymers may cause polymer fume fever with flu-like symptoms in humans, especially when smoking contaminated tobacco.

Toxicity Test Type	Value	Time	Species
acetone			
Oral LD50	5,800 mg/kg		rat
Dermal LD50	20 g/kg		rabbit
Inhalation LC50	50.1 g/m ³	8 h	rat
toluene			
Oral LD50	3,000 mg/kg		rat
Dermal LD50	4,000 mg/kg		rabbit
Inhalation LC50	5,300 ppm		mouse
4-chloro-a,a,a-trifluorotoluene			
Oral LD50	6,650 mg/kg		rat
Dermal LD50	2,700 mg/kg		rabbit
Inhalation LC50	4,479 ppm	4 h	rat
butanone			
Oral LD50	2.7 g/kg		rat
Dermal LD50	5 g/kg		rabbit
Inhalation LC50	> 5,000 ppm	6 h	rat
benzyl butyl phthalate			
Oral LD50	= 20,400 mg/kg		rat
Dermal LD50	> 10 g/kg		rabbit
Dermal LD50	> 10,000 mg/kg		rabbit
Inhalation LC50	> 6.7 mg/l	4 h	rat
Inhalation LC50	> 6.7 mg/l	4 h	rat
xylene			
Oral LD50	4,300 mg/kg		rat
Dermal LD50	> 1,700 mg/kg		rabbit
Inhalation LC50	5,000 ppm	4 h	rat
Solvent naphtha (petroleum), heavy arom.			
Oral LD50	13 ml/kg		rat



Toxicity Test Type	Value	Time	Species
Dermal LD50	> 2,000 mg/kg		rabbit
Inhalation LC50	3,800 mg/m ³	4 h	rat
Inhalation LD50	> 580 ppm	4 h	rat
n-butyl acetate			
Oral LD50	> 5,000 ml/kg		rat
Dermal LD50	> 5,000 ml/kg		rabbit
Inhalation LC50	> 6,335 ppm	4 h	rat
ethyl 3-ethoxypropionate			
Oral LD50	4.3 g/kg		Female Rat
Dermal LD50	4.92 ml/kg		rat
Inhalation LC50	> 1,000 ppm	6 h	rat
propan-2-ol			
Oral LD50	> 2,000 mg/kg		rat
Dermal LD50	> 2,000 mg/kg		rabbit
Inhalation LC50	> 5,000 ppm	8 h	rat
Percutaneous LD50	13,000 ml/kg		rabbit
heptane (mixture of isomers)			
Oral LD50	= 5,000 mg/kg		mouse
Dermal LD50	2,000 mg/kg		rabbit
Inhalation LC50	103,000 mg/m ³	4 h	rat
Intravenous LD50	222 mg/kg		mouse
methanol			
Oral LD50	5,628 mg/kg		rat
Dermal LD50	15,800 mg/kg		rabbit
Inhalation LC50	64,000 ppm	4 h	rat
trizinc bis(orthophosphate)			
Oral LD50	> 5,000 mg/kg		rat
Naphthalene			
Oral LD50	490 mg/kg		rat
Dermal LD50	> 2,500 mg/kg		rat
Dermal LD50	> 20 g/kg		rabbit
Inhalation LC50	> 340 mg/m ³	1 h	rat

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.

Acute toxicity aquatic invertebrates

Chemical Name	Species	Type	Exposure time	Value	Method
benzyl butyl phthalate	Water flea	EC50	48 h	1.7 mg/l	
Solvent naphtha (petroleum), heavy arom.	Daphnia	EC50	48 h	1 mg/l	
ethyl 3-ethoxypropionate	Daphnia	LC50	4 days	100 µl	
heptane (mixture of isomers)	Daphnia	LC50	24 h	10 mg/l	
trizinc bis(orthophosphate)	Daphnia	EC50	48 h	1 mg/l	
Naphthalene	Daphnia	EC50	48 h	2.16 mg/l	

Acute and extended toxicity of fishes

Chemical Name	Species	Type	Exposure time	Value	Method
4-chloro-a,a,a-trifluorotoluene	Pimephales promelas (fat-head minnow)		31 days	1 mg/l	
4-chloro-a,a,a-trifluorotoluene	Lepomis macrochirus (Bluegill sunfish)		4 days	12 mg/l	
4-chloro-a,a,a-trifluorotoluene	Oncorhynchus mykiss (rainbow trout)		4 days	14 mg/l	



Chemical Name	Species	Type	Exposure time	Value	Method
benzyl butyl phthalate	Oncorhynchus mykiss (rainbow trout)	LC50	4 days	2 mg/l	
Solvent naphtha (petroleum), heavy arom.	Pimephales promelas (fat-head minnow)	LC50	96 h	45 mg/l	
ethyl 3-ethoxypropionate	Pimephales promelas (fat-head minnow)	LC50	4 days	65 µ l	
heptane (mixture of isomers)	Oncorhynchus mykiss (rainbow trout)		4 days	15 ppm	
heptane (mixture of isomers)	Lepomis macrochirus (Bluegill sun-fish)		1 days	2,990 ppm	
trizinc bis(orthophosphate)	Oncorhynchus mykiss (rainbow trout)	LC50	96 h	1 mg/l	
Naphthalene	Oncorhynchus mykiss (rainbow trout)	LC50	96 h	1.6 mg/l	

Toxicity with aquatic plants

Chemical Name	Species	Type	Exposure time	Value	Method
4-chloro-a,a,a-trifluorotoluene	Daphnia		2 days	4 mg/l	
4-chloro-a,a,a-trifluorotoluene	green algae (type not specified)		3 days	500 mg/l	
benzyl butyl phthalate	Algae	EC50	72 h	1.5 mg/l	
trizinc bis(orthophosphate)	Algae	EC50	72 h	0.3 mg/l	

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

Transport in accordance with the requirements of the Carriage of Dangerous Goods by Road and Rail (Classifications, Packaging and Labeling), ADG for road, IMDG for sea and ICAO/IATA for air transport.

ADG (Land transport)

Proper shipping name: PAINT

UN-Number: 1263

Hazard Class: 3

Subsidiary Hazard Class: Not applicable.

Packing group: II

Hazchem: 3YE

IMDG (Sea transport)



Proper shipping name: PAINT
UN-Number: 1263
Hazard Class: 3
Subsidiary Hazard Class: Not applicable.
Packing group: II
Marine Pollutant: N
EmS: F-E,S-E

ICAO/IATA (Air transport)

Proper shipping name: PAINT
UN-Number: 1263
Hazard Class: 3
Subsidiary Hazard Class: Not applicable.
Packing group: II

15. Regulatory information

Symbol and indication of hazard.

F	Highly flammable
T	Toxic
N	Dangerous for the environment
Contains	acetone 35.00 - < 45.00 %; toluene 7.00 - < 10.00 %; benzyl butyl phthalate 3.00 - < 5.00 %.

R-phrases(s)

R61	May cause harm to the unborn child.
R11	Highly flammable.
R36	Irritating to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

S-phrases(s)

S53	Avoid exposure - obtain special instructions before use.
S21	When using do not smoke.
S23	Do not breathe fumes/vapour/spray.
S28	After contact with skin, wash immediately with plenty of soap and water.
S33	Take precautionary measures against static discharges.
S36/37	Wear suitable protective clothing and gloves.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S61	Avoid release to the environment. Refer to special instructions/ Safety data sheets.

Standard for the Uniform Scheduling of Drugs and Poisons.

Schedule 6

16. Other information

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

R10	Flammable.
R11	Highly flammable.
R20/21	Harmful by inhalation and in contact with skin.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.



R22	Harmful if swallowed.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R36	Irritating to eyes.
R38	Irritating to skin.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R40	Limited evidence of a carcinogenic effect.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52	Harmful to aquatic organisms.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R61	May cause harm to the unborn child.
R62	Possible risk of impaired fertility.
R63	Possible risk of harm to the unborn child.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.
R68/20/21/22	Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

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

Revision Date: 2009-10-15