

**DuPont™ Granite & Marble Countertop Polish**

Version 2.2

Revision Date 08/09/2013

Ref. 130000033561

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : DuPont™ Granite & Marble Countertop Polish
MSDS Number : 130000033561

Manufacturer : DuPont
1007 Market Street
Wilmington, DE 19898

Product Information : 1-800-441-7515 (outside the U.S. 1-302-774-1000)
Medical Emergency : 1-800-441-3637 (outside the U.S. 1-302-774-1139)
Transport Emergency : CHEMTREC: +1-800-424-9300 (outside the U.S. +1-703-527-3887)

SECTION 2. HAZARDS IDENTIFICATION

Potential Health Effects

Skin : May cause skin irritation.

Eyes : May cause eye irritation.

Inhalation

Propan-2-ol : May cause: Central nervous system depression with dizziness, confusion, incoordination, drowsiness, or unconsciousness.

Target Organ

Propan-2-ol : Central nervous system

Carcinogenicity

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Water	7732-18-5	>96%
Silicone Resin		<2 %
Propan-2-ol	67-63-0	<2 %

SECTION 4. FIRST AID MEASURES

Skin contact	: Wash off immediately with soap and plenty of water. Wash contaminated clothing before re-use.
Eye contact	: Rinse immediately with plenty of water for at least 15 minutes. Seek medical advice.
Inhalation	: Move to fresh air. Oxygen or artificial respiration if needed. Symptoms may be delayed. Call a physician immediately.
Ingestion	: Call a physician or poison control centre immediately. If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
General advice	: When symptoms persist or in all cases of doubt seek medical advice.

SECTION 5. FIREFIGHTING MEASURES

Flammable Properties	
Flash point	: > 93 °C (199 °F) Method : Pensky-Martens closed cup - PMCC

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- Thermal decomposition : > 200 °C (> 392 °F)
To avoid thermal decomposition, do not overheat.
- Fire and Explosion Hazard : The product itself does not burn. Hazardous decomposition products formed under fire conditions. Hazardous combustion products Carbon dioxide (CO₂) Carbon monoxide Other hazardous decomposition products may be formed.
- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Firefighting Instructions : Wear self contained breathing apparatus for fire fighting if necessary. Evacuate personnel to safe areas. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6. ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

- Safeguards (Personnel) : Evacuate personnel to safe areas. Use personal protective equipment. Ventilate the area.
- Spill Cleanup : Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers.
- Accidental Release Measures : Do not discharge to streams, ponds, lakes or sewers. Avoid subsoil penetration.

SECTION 7. HANDLING AND STORAGE

- Handling (Personnel) : Avoid breathing vapours or mist. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before re-use.
- Handling (Physical Aspects) : To avoid thermal decomposition, do not overheat. Thermal decomposition

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can lead to release of irritating gases and vapours.
Do not spray near open flame or heated surface.

Storage : Keep tightly closed in a dry, cool and well-ventilated place.
Protect from freezing.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls : Use only in area provided with appropriate exhaust ventilation.

Personal protective equipment

Respiratory protection : In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Hand protection : Additional protection: Impervious gloves

Eye protection : Wear safety glasses or coverall chemical splash goggles.

Skin and body protection : Lightweight protective clothing

Exposure Guidelines**Exposure Limit Values**

Propan-2-ol				
PEL:	(OSHA)	400 ppm	980 mg/m ³	8 hr. TWA
TLV	(ACGIH)	200 ppm	TWA	
TLV	(ACGIH)	400 ppm	STEL	
AEL *	(DUPONT)	200 ppm	8 & 12 hr. TWA	

Biological Exposure Indices

Propan-2-ol			
BEI	(ACGIH)	40 mg/l	Acetone/Urine
			Sampling time: End of shift at end of work week.

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* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid
Color	: white
% Volatile	: > 98 %
Water solubility	: soluble

SECTION 10. STABILITY AND REACTIVITY

Stability	: Stable under normal conditions.
Conditions to avoid	: To avoid thermal decomposition, do not overheat.
Hazardous decomposition products	: Carbon dioxide , Carbon monoxide Incompletely burned carbon products Other hazardous decomposition products may be formed.

SECTION 11. TOXICOLOGICAL INFORMATION

Silicone Resin	
Dermal LD50	: > 19,400 mg/kg , rabbit
Oral LD50	: > 5,000 mg/kg , rat
Inhalation 4 h LC50	: > 11.6 mg/l , rat
Skin irritation	: Mild skin irritation, rabbit
Eye irritation	: slight irritation, rabbit
Skin sensitization	: Animal test did not cause sensitization by skin contact., guinea pig
Repeated dose toxicity	: Oral

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rat

No adverse effect has been observed in chronic toxicity tests.

Dermal
rabbit

No adverse effect has been observed in chronic toxicity tests.

Carcinogenicity : Animal testing did not show any carcinogenic effects.

Mutagenicity : Animal testing did not show any mutagenic effects.
Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Reproductive toxicity : Animal testing showed no reproductive toxicity.

Teratogenicity : Animal testing showed no developmental toxicity.

Propan-2-ol

Dermal LD50 : 12,870 mg/kg , rabbit

Oral LD50 : 5,840 mg/kg , rat

Inhalation 4 h LC50 : 72.6 mg/l , rat
Target Organs: Central nervous system
Central nervous system depression

Skin irritation : No skin irritation, rabbit

Eye irritation : Eye irritation, rabbit

Skin sensitization : Does not cause skin sensitisation., guinea pig
Does not cause respiratory sensitisation., mouseRepeated dose toxicity : Inhalation
multiple species

No toxicologically significant effects were found.

Carcinogenicity : Overall weight of evidence indicates that the substance is not carcinogenic.

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Mutagenicity	: Animal testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
Reproductive toxicity	: Animal testing showed effects on reproduction at levels equal to or above those causing parental toxicity.
Teratogenicity	: Animal testing showed effects on embryo-fetal development at levels equal to or above those causing maternal toxicity.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity

Silicone Resin

96 h LC50	: Oncorhynchus mykiss (rainbow trout) > 1,000 mg/l
96 h LC50	: Lepomis macrochirus (Bluegill sunfish) > 1,000 mg/l
96 h EC50	: Selenastrum capricornutum (green algae) > 1,000 mg/l
48 h EC50	: Daphnia magna (Water flea) 44.5 - 245 mg/l

Propan-2-ol

96 h LC50	: Pimephales promelas (fathead minnow) 9,640 mg/l OECD Test Guideline 203
72 h ErC50	: Scenedesmus quadricauda (Green algae) > 1,000 mg/l
24 h EC50	: Daphnia > 10,000 mg/l OECD Test Guideline 202
21 d	: NOEC Daphnia magna (Water flea) 30 mg/l

Environmental Fate

Silicone Resin

Biodegradability	: Not readily biodegradable.
Bioaccumulation	: Bioaccumulation is unlikely.

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Propan-2-ol

Biodegradability : Readily biodegradable.

Bioaccumulation : Bioaccumulation is unlikely.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal : In accordance with local and national regulations.

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

TSCA : On the inventory, or in compliance with the inventory

SARA 313 Regulated
Chemical(s) : Propan-2-olPA Right to Know
Regulated Chemical(s) : Substances on the Pennsylvania Hazardous Substances List present at
a concentration of 1% or more (0.01% for Special Hazardous
Substances): Propan-2-olNJ Right to Know
Regulated Chemical(s) : Substances on the New Jersey Workplace Hazardous Substance List
present at a concentration of 1% or more (0.1% for substances
identified as carcinogens, mutagens or teratogens): Propan-2-ol**SECTION 16. OTHER INFORMATION**



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HMIS

Health	:	1
Flammability	:	1
Reactivity/Physical hazard	:	0
PPE	:	Personal Protection rating to be supplied by user depending on use conditions.

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DuPont™ is a trademark of E. I. du Pont de Nemours and Company.

Contact person : MSDS Coordinator, DuPont Chemicals and Fluoroproducts, Wilmington, DE
19898, (800) 441-7515

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