



The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

DuPont
Material Safety Data Sheet

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"CORIAN" PRODUCTS, SILICONE SEALANT ALL COLORS
COR005 Revised 13-MAR-2004

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

Corian is a registered trademark of DuPont.

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont
1007 Market Street
Wilmington, DE 19898

PHONE NUMBERS

Product Information : 1-(800)441-7515
Transport Emergency : 1-(800)424-9300 (CHEMTREC)
Medical Emergency : 1-(800)441-3637

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
DIMETHYL SILOXANE, HYDROXY-TERMINATED		80-82
AMORPHOUS SILICA	7631-86-9	10
	63148-62-9	
DIMETHYLL SILOXANE, TRIMETHYLSILYLOXY-TERMINATED		<3
ETHYLTRIAACETOXYSILANE	17689-77-9	2
METHYLTRIAACETOXYSILANE	4253-34-3	2
TITANIUM DIOXIDE	13463-67-7	<2
COLOR ADDITIVES (VARIOUS)		<1

Components (Remarks)

Material is not known to contain Toxic Chemicals under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Acetic Acid is formed during cure from exposure to moisture

HAZARDS IDENTIFICATION

Potential Health Effects

INHALATION

May cause nose and throat irritation.

SKIN CONTACT

Repeated or prolonged contact may cause moderate skin irritation.

EYE CONTACT

May cause irritation or burning of the eyes.

INGESTION

Not a likely route of exposure.

Carcinogenicity Information

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

FIRST AID MEASURES

First Aid

INHALATION

No specific intervention is indicated as the compound is not likely to be hazardous by inhalation. Consult a physician if necessary.

SKIN CONTACT

The compound is not likely to be hazardous by skin contact but cleansing the skin after use is advisable.

EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION

No specific intervention is indicated as compound is not likely to be hazardous by ingestion. Consult a physician if necessary.

FIRE FIGHTING MEASURES

Flammable Properties

Flash Point : >100 C (>212 F)

Hazardous decomposition products include sulfur oxides.

Extinguishing Media

Water, Dry Chemical, CO2.

Fire Fighting Instructions

Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus. Wear full protective equipment.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

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

Ventilate spill area.

Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material.

HANDLING AND STORAGE

Handling (Personnel)

Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Wash contaminated clothing prior to reuse.

Handling (Physical Aspects)

Keep away from heat, sparks and flames. Close container after each use.

Storage

Store below 120 F (49 C). Keep container closed and store away from water or moisture.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

EYE PROTECTION: Safety glasses with side shields as a minimum.

VENTILATION: Provide sufficient ventilation in volume and pattern to keep contaminants below applicable OSHA requirements and other suggested exposure limits.

RESPIRATORY: No respiratory protection should be needed.

PROTECTIVE CLOTHING: Rubber or plastic gloves are recommended.

Exposure Guidelines

Applicable Exposure Limits

AMORPHOUS SILICA

PEL (OSHA) : 80 mg/m³ / % SiO₂ - 8 Hr TWA
TLV (ACGIH) : 10 mg/m³, total dust, 8 Hr. TWA
AEL * (DuPont) : 3 mg/m³, 8 & 12 Hr. TWA, respirable dust

TITANIUM DIOXIDE

PEL (OSHA) : 15 mg/m³, total dust, 8 Hr. TWA
TLV (ACGIH) : 10 mg/m³, total dust, 8 Hr. TWA, A4
AEL * (DuPont) : 10 mg/m³, total dust, 8 Hr. TWA
5 mg/m³, respirable dust, 8 Hr. TWA

* 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.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

% Volatiles : No Data Available
Solubility in Water : No Data Available
Specific Gravity : 1.04
Color : Varies.
Form : Paste.

STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Incompatibility with Other Materials

None reasonably foreseeable.

Decomposition

Decomposes with heat.

Polymerization

Polymerization will not occur.

TOXICOLOGICAL INFORMATION

Animal Data

No information available.

ECOLOGICAL INFORMATION

Ecotoxicological Information

Aquatic Toxicity

No information available.

Toxicity is expected to be low based on insolubility in water.

DISPOSAL CONSIDERATIONS

Waste Disposal

Do not flush to surface water or sanitary sewer system.
Incinerate material in accordance with Federal, State/Provincial
and Local requirements. Do not incinerate in closed containers.

TRANSPORTATION INFORMATION

Shipping Information

DOT
Proper Shipping Name : Not regulated

REGULATORY INFORMATION

U.S. Federal Regulations

TSCA Inventory Status : Reported/Included.

State Regulations (U.S.)

STATE RIGHT-TO-KNOW

No substances on the state hazardous substances list, for the states indicated below, are used in the manufacture of products on this Material Safety Data Sheet, with the exceptions indicated.

SUBSTANCES ON THE PENNSYLVANIA HAZARDOUS SUBSTANCES LIST PRESENT AT A CONCENTRATION OF 1 % OR MORE (0.01% FOR SPECIAL HAZARDOUS SUBSTANCES)- Silica

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)- Silica

OTHER INFORMATION

Additional Information

MEDICAL USE: CAUTION: Do not use in medical applications involving permanent implantation in the human body. For other medical applications see DuPont CAUTION Bulletin No. H-50102.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS : "Corian" Products
DuPont Yerkes Site
Address : Buffalo, NY
Telephone : 716-876-4420

Indicates updated section.

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of MSDS