

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)

SILICA GEL GRADE 20

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name A D C O A	Emergency Telephone Number (310) 532-6086
Address (Number, Street, City, State, and ZIP Code) 17000 S. VERMONT AVE., #P	Telephone Number for Information (323) 770-4558
GARDENA, CA 90247	Date Prepared 05/11
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
CAS #				
SILICA GEL				
AMORPHOUS SILICA	63231-67-4	99%	PEL - 20 (RESPIRABLE) TLV - 5	
			LIMIT-NONE	
			HAZARD-IRRITANT	

SYNTHETIC AMORPHOUS SILICA GEL IS NOT TO BE CONFUSED WITH CRYSTALLINE
SILICA SUCH AS QUARTZ OR OTHER NATURALLY OCCURRING FORMS OF SILICA
THAT FREQUENTLY CONTAIN CRYSTALLINE FORMS

Section III — Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	
Vapor Pressure (mm Hg.)	N/A	Melting Point	1600 °C
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	INSOLUABLE		
Appearance and Odor	WHITE BEADS-NO ODOR		

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	LEL	UEL
		N/A	N/A	N/A
Extinguishing Media				
Special Fire Fighting Procedures	DOES NOT SUPPORT COMBUSTION			
Unusual Fire and Explosion Hazards	N/A			

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	REACTS WITH HF

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

NONE

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? PRIMARY Skin? NO Ingestion? SECONDARY

Health Hazards (Acute and Chronic)

EPIDEMIOLOGICAL STUDIES INDICATE LOW POTENTIAL FOR
ADVERSE HEALTH EFFECTS

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

PRODUCT AND COMPONENTS ARE NOT LISTED AS CARCINOGENS

Signs and Symptoms of Exposure

DUST CAN BE AN IRRITANT TO SKIN, EYES AND MUCOUS MEMBRANES

EXPOSURE CAN CAUSE REDNESS TO SKIN AND EYES

Medical Conditions

Generally Aggravated by Exposure

NONE KNOWN

Emergency and First Aid Procedures

SKIN: WASH AREAS OF IRRITATION WITH WATER. EYES: FLUSH WITH WATER

INHALATION: REMOVE TO FRESH AIR

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

SWEEP OR VACUUM WHILE MINIMIZING DUST

Waste Disposal Method

DISPOSE IN APPROVED LANDFILL ACCORDING TO STATE, LOCAL
AND FEDERAL REGULATIONS

Precautions to Be Taken in Handling and Storing

STORE IN DRUMS OR PAILS TO PREVENT MIGRATION OF DUST

Other Precautions

Section VIII — Control Measures

Respiratory Protection (Specify Type)

NIOSH OR MSHA PARTICULATE MASK APPROVED FOR DUST

Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical (General)	FAN	Other	N/A

Protective Gloves LATEX OR RUBBER

Eye Protection GOGGLES

Other Protective Clothing or Equipment

LONG SLEEVE CLOTHING

Work/Hygienic Practices

WASH EXPOSED AREAS OF SKIN WITH SOAP AND WATER AFTER HANDLING