

MATERIAL SAFETY DATA SHEET

PRMI

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SECTION 1 Product Identification

CHEMICAL NAME: SILICON (IV) ACETATE
PRODUCT NUMBER: 3184
CAS REGISTRY NUMBER: 562-90-3
EINECS NO: 209-239-7
SYNONYM: Silicon Tetraacetate
FORMULA: Si(OOCCH₃)₄

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	562-90-3	100	No data	No data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: CORROSIVE Causes Burns Harmful by Inhalation, In contact with skin and eyes, and if swallowed. Air and Moisture Sensitive

PRIMARY ROUTES OF EXPOSURE: Inhalation, Ingestion, Skin and eye contact.

EYE CONTACT: Strong corrosive and irritating effect. Causes burns; can cause permanent vision loss.

SKIN CONTACT: Corrosive effect on skin. Causes burns.

INHALATION: Corrosive and destructive to mucous membranes and respiratory tract.

INGESTION: Corrosive effect, burns, perforation.

SUBACUTE TO CHRONIC TOXICITY: Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting. Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. May cause permanent eye damage and vision loss.

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for several minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate, professional care from qualified physician or emergency care facility.

SKIN EXPOSURE: Wash affected area with copious amounts of water for several minutes. Remove contaminated clothes if necessary. Seek medical assistance immediately.

INHALATION: Remove victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. If not breathing administer CPR. Seek immediate medical assistance.

INGESTION: Do not induce vomiting. Seek medical assistance immediately.