



## Material Safety Data Sheet

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### SECTION 1: Product Identification

<b>Product name</b>	Dimethoxybis(dimethylamino)titanium
<b>CAS #</b>	Not available
<b>Catalog #</b>	0222000
<b>Chemical family</b>	Metal alkoxide

### SECTION 2: Composition, Information on Ingredients

Component	%	CAS #	EINECS #	Hazard Symbol	R-Phrase
Dimethoxybis(dimethylamino)titanium		None	None		36/37/38

### SECTION 3: Hazard Identification

<b>Emergency overview</b>	Irritating to eyes, respiratory system and skin.
<b>Eye contact</b>	Causes mild irritation of the eyes.
<b>Skin contact</b>	Causes slight to mild irritation of the skin. May be harmful if absorbed through the skin.
<b>Inhalation</b>	Causes mild irritation of the respiratory tract. May be harmful if inhaled.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Chronic health effects</b>	Not available.

### SECTION 4: First Aid Measures

<b>Eye exposure</b>	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
<b>Skin exposure</b>	Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
<b>Inhalation</b>	Remove from exposure to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, pain, etc. In such cases seek immediate medical assistance.
<b>Ingestion</b>	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

### SECTION 5: Fire Fighting Measures

<b>General information</b>	If this material is involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing. If involved in a fire this material may emit toxic organic fumes.
<b>Extinguishing media</b>	Use dry chemical, carbon dioxide, or chemical foam.

### SECTION 6: Accidental Release Measures

<b>Spill and leak procedures</b>	Small spills can be mixed with vermiculite or sodium carbonate or other inert material and swept up.
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<b>SECTION 7: Handling and Storage</b>	
<b>Handling</b>	Avoid breathing vapor. Avoid contact with skin, eyes, and clothing. Handle material under an inert atmosphere of argon or nitrogen.
<b>Storage</b>	Store in a cool, dry place. Store in a tightly closed container. Store material under inert atmosphere of argon or nitrogen. Avoid contact with water.
<b>SECTION 8: Exposure Controls and Personal Protection</b>	
<b>Eye protection</b>	Always wear approved safety glasses when handling a chemical substance in the laboratory.
<b>Skin protection</b>	Wear protective gloves.
<b>Ventilation</b>	Handle the material in an efficient fume hood.
<b>Respirator</b>	If ventilation is not available a respirator should be worn. The use of respirators requires Respirator Protection Program to be in compliance with 29CFR 1910.134.
<b>SECTION 9: Physical and Chemical Properties</b>	
<b>Appearance</b>	Red melting solid
<b>Odor</b>	Not determined
<b>Melting point</b>	No data
<b>Boiling point</b>	No data
<b>Flash point</b>	No data
<b>Solubility in water</b>	No data
<b>Specific gravity</b>	No data
<b>Molecular formula</b>	C <sub>6</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub> Ti
<b>Molecular weight</b>	198.10
<b>SECTION 10: Stability and Reactivity</b>	
<b>Stability</b>	Moisture sensitive.
<b>Hazardous polymerization</b>	No hazardous polymerization.
<b>Conditions to avoid</b>	Incompatible materials, exposure to the moist air or water.
<b>Incompatibilities with other materials</b>	Strong oxidizing agents, water, strong halogens.
<b>Hazardous decomposition products</b>	Carbon dioxide, carbon monoxide, titanium oxide, and organic fumes.
<b>SECTION 11: Toxicological Information</b>	
<b>RTECS Data</b>	No information available in the RTECS files.
<b>Carcinogenic effects</b>	No data available.
<b>Mutagenic effects</b>	No data available.
<b>Tetratogenic effects</b>	No data available.
<b>SECTION 12: Ecological Information</b>	
<b>Ecological information</b>	No information available.
<b>SECTION 13: Disposal Considerations</b>	
Dispose of in a manner consistent with federal, state, and local regulations.	

SECTION 14: Transport Information	
<b>Shipping name (CFR)</b>	Non hazardous
<b>Hazard class (CFR)</b>	NA
<b>Additional hazard class (CFR)</b>	NA
<b>Packing group (CFR)</b>	NA
<b>UN ID number (CFR)</b>	NA
<b>Shipping name (IATA)</b>	Non hazardous
<b>Hazard class (IATA)</b>	NA
<b>Additional hazard class (IATA)</b>	NA
<b>Packing group (IATA)</b>	NA
<b>UN ID number (IATA)</b>	NA
SECTION 15: Regulatory Information	
<b>TSCA</b>	Not listed in the TSCA inventory
<b>SARA</b>	Not reportable under SARA Title 313.
SECTION 16: Other Information	
<b>Preparation date</b>	08.12.08
<b>Revision date</b>	08.12.08
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