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SECTION 1: Product Identification

Product name	Bis[bis(trimethylsilyl)amido]manganese(II)
CAS #	926-76-1
Catalog #	0250900
Chemical family	Amide metal complexes

SECTION 2: Composition, Information on Ingredients

Component	%	CAS #	EINECS #	Hazard Symbol	R-Phrase
Bis[bis(trimethylsilyl)amido]-manganese(II)		926-76-1	none	F C	17 34

SECTION 3: Hazard Identification

Emergency overview	Pyrophoric. Highly flammable. Corrosive. Spontaneously flammable in air. Causes burns.
Eye contact	May cause mild to severe irritation of the eyes.
Skin contact	Harmful in contact with skin. May cause thermal burns if ignited.
Inhalation	Harmful by inhalation. Irritating to nose and mucous membranes.
Ingestion	Harmful if swallowed. May cause vomiting and diarrhea.
Chronic health effects	No information available.

SECTION 4: First Aid Measures

Eye exposure	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid immediately.
Skin exposure	Wash the affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.
Inhalation	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.
Ingestion	If victim is conscious, give 2-4 cupfuls of water. Get medical aid.

SECTION 5: Fire Fighting Measures

General information	Pyrophoric. 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. Spontaneously flammable in air, especially in contact with organic matter.
Extinguishing media	Use CO ₂ , dry powder or foam.

SECTION 6: Accidental Release Measures

Spill and leak procedures	The material may ignite spontaneously in air. Small spills can be mixed with vermiculite or sodium carbonate or other inert material and swept up.
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SECTION 7: Handling and Storage	
Handling	Avoid contact with skin, eyes and clothes. Handle only in an efficient fume hood, under an inert atmosphere.
Storage	Store in a cool, dry place. Store in a tightly closed container. Store under inert atmosphere of nitrogen or argon. Keep away from heat and ignition sources.
SECTION 8: Exposure Controls and Personal Protection	
Eye protection	Always wear approved safety glasses when handling a chemical substance in the laboratory.
Skin protection	Wear protective gloves.
Ventilation	Handle the material only in an efficient fume hood.
Respirator	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.
SECTION 9: Physical and Chemical Properties	
Appearance	Pink melted solid
Odor	No data
Melting point	No data
Boiling point	No data
Flash point	No data
Solubility in water	No data
Specific gravity	No data
Spec Rotation	No data
Molecular formula	C ₁₂ H ₃₆ MnN ₂ Si ₄
Molecular weight	375.71
SECTION 10: Stability and Reactivity	
Stability	Pyrophoric solid
Hazardous polymerization	No hazardous polymerization
Conditions to avoid	Contact with air. Material may spontaneously ignite in air, especially in the presence of organic matter.
Incompatibilities with other materials	Oxidizing agents, air (pyrophoric).
Hazardous decomposition products	Carbon monoxide, carbon dioxide, nitrogen oxides, silicon oxide, manganese oxides, organic fumes.
SECTION 11: Toxicological Information	
RTECS Data	No information.
Carcinogenic effects	No data available.
Mutagenic effects	No data available.
Tetratogenic effects	No data available.
SECTION 12: Ecological Information	
Ecological information	No data available

SECTION 13: Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14: Transport Information

Shipping name (CFR)	Pyrophoric solid, organic, N.O.S.
Hazard class (CFR)	4.2
Additional hazard class (CFR)	NA
Packing group (CFR)	Forbidden for air transport
UN ID number (CFR)	2846
Shipping name (IATA)	Pyrophoric solid, organic, N.O.S.
Hazard class (IATA)	4.2
Additional hazard class (IATA)	NA
Packing group (IATA)	Forbidden for air transport
UN ID number (IATA)	2846

SECTION 15: Regulatory Information

TSCA	CAS# 926-76-1 is not listed in the TSCA inventory
SARA	CAS# 926-76-1 is not reportable under SARA Title 313

SECTION 16: Other Information

Preparation date	10.04.12
Revision date	10.04.12

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