

# MATERIAL SAFETY DATA SHEET

Version: 1.3

Date:

09/18/2009



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## 1. PRODUCT AND COMPANY IDENTIFICATION

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### MILLAD® 3988i

**Product Information:** MILLAD® 3988i

**Company Identification:**

Milliken Chemical  
P.O. Box 1926  
Spartanburg, SC, 29303 USA  
1-864-472-9041  
msds@milliken.com



**Emergency Telephone Number:**

Chemtrec:  
1-800-424-9300 (Chemtrec - US)  
1-703-527-3887 (International)

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## 2. HAZARDS IDENTIFICATION

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**Emergency Overview**

The health hazards of this product should be low under normal industrial and commercial uses. High concentrations of dust may form explosive mixture with air.

**HFRP Rating**

Health	0
Flammability	1
Reactivity	0
Personal protection	B

**Eye**

May irritate eyes. Not known to cause permanent injury to eye tissue.

**Inhalation**

May cause irritation to the respiratory system.

**Skin**

May cause slight skin irritation Prolonged skin contact may cause temporary irritation.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

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Product name	CAS Number	Amount
1,3:2,4-Bis(3,4-Dimethylbenzylidene) Sorbitol	135861-56-2	> 96.0 %
Confidential Silica Compound	Proprietary	< 4.0 %

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## 4. FIRST AID MEASURES

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<b>Eye</b>	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if irritation persists after washing.
<b>Inhalation</b>	Move the exposed person to fresh air at once. Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Get medical attention if symptoms occur.
<b>Skin</b>	Wash skin thoroughly with soap and water. If skin irritation or an allergic skin reaction develops, get medical attention.
<b>Ingestion</b>	Give one or two glasses of water if patient is alert and able to swallow. Seek immediate medical attention. Do not induce vomiting. Never give liquid to an unconscious person.

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## 5. FIRE-FIGHTING MEASURES

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<b>Fire Fighting Media</b>	Water spray, foam, dry powder or carbon dioxide.
<b>Unusual Fire &amp; Explosion Hazards</b>	High concentrations of dust may form explosive mixture with air.
<b>Remarks</b>	The dust explosion class for this product is St1

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## 6. ACCIDENTAL RELEASE MEASURES

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<b>Safety Advice</b>	Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.
<b>Spill Cleanup Methods</b>	Collect in containers and seal securely. All waste materials should be packaged, labeled and transported in accordance with all national, state/provincial, and local requirements.

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## 7. HANDLING AND STORAGE

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**Handling** Avoid contact with eyes and prolonged or repeated contact with skin. Avoid generation and spreading of dust. Use only in well-ventilated areas. Wear approved safety goggles.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Engineering Controls** No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m<sup>3</sup>.

**Eye protection** Chemical goggles are recommended.

**Skin and Body Protection** No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance** powder

**Color** White

**Odor** Odorless

**Volatiles** < 1 %  
@ 100 °C

**Solubility (in Water)** Insoluble in water

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## 10. STABILITY AND REACTIVITY

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<b>Stability</b>	This product is stable at ambient conditions.
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur.
<b>Materials to Avoid</b>	Contact with acids. Avoid contact with oxidizing agents (e.g. nitric acid, peroxides and chromates).
<b>Hazardous decomposition products</b>	Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons.

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## 11. TOXICOLOGICAL INFORMATION

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No data available.

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## 12. ECOLOGICAL INFORMATION

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No data available.

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## 13. DISPOSAL CONSIDERATIONS

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<b>Disposal Recommendations</b>	Dispose of waste and residues in accordance with local authority requirements.
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## 14. TRANSPORT INFORMATION

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Transport classifications may vary by container volume and may be influenced by regional or country variations in regulations.

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## 15. REGULATORY INFORMATION

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<b>Regulatory Lists Searched</b>	<b>Component</b>
	None present or none present in regulated quantities.

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Additional information is available by request.

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## 16. OTHER INFORMATION

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The information contained in this Material Safety Data Sheet is furnished without warranty, expressed or implied,  
except that it is accurate to the best knowledge of Milliken Chemical.  
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