

# CHESTERTON® MATERIAL SAFETY DATA SHEET

A.W. CHESTERTON COMPANY

Middlesex Industrial Park, Stoneham, MA 02180

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Emergency Telephone No. 617-438-7000 (Day)  
 617-438-7013 (Night)

## Section I

<b>Date of Prep.</b> May 1, 1986  <b>MSDS No.</b> 1042  <b>Product Name</b> Styles 2000, 3500	4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant * = Chronic Health Hazard	<b>HAZARD RATING</b> <b>Flammability</b> N/A  <b>Health</b> N/A  <b>Reactivity</b> N/A  <b>Special</b>

**General Use and Precautionary Information** Polytetrafluoroethylene (PTFE). For use against liquids and gases from -400°F (-240°C) to +500°F (260°C).

PTFE is nonhazardous at ambient temperatures. At temperatures above 752°F (400°C), toxic decomposition products may be emitted. Due to toxic decomposition, avoid smoking (wash hands to avoid transfer to tobacco products) when handling PTFE products.

## Section II — HAZARDOUS INGREDIENTS

Ingredients/Synonyms	CAS No.	% Wt.	OSHA - PEL ppm mg/m <sup>3</sup>	ACGIH - TLV ppm mg/m <sup>3</sup>	Vapor Pressure
This product is not classified as a "Hazardous Material" in normal use as defined by U.S. Department of Labor Regulations, 29 CFR 1910.1200, 1915, 1916, 1917 or as defined under the Massachusetts Right-to-Know Law, Chapter 470, Acts and Resolves of 1983; M.G.L. c111F.					

## Section III — PHYSICAL DATA

<b>Initial Boiling Point</b> N/A	<b>Percent Volatile (by volume)</b> N/A	
<b>Vapor Density</b> N/A (Air = 1)	<b>Evaporation Rate</b> N/A (Ether = 1)	<b>Weight per Gallon</b> N/A

## Section IV — FIRE AND EXPLOSION DATA

<b>Flash Point</b> N/A	<b>LEL</b> N/A	<b>DOT Shipping Name</b> N/A
<b>Extinguishing Media</b> Water, foam, CO <sub>2</sub> , or dry chemical		<b>DOT Hazard Class</b> N/A
<b>Unusual Fire and Explosion Hazards</b> Toxic fumes may be emitted at temperatures above 752°F (400°C).		<b>DOT UN/NA #</b> N/A
<b>Special Fire Fighting Procedures</b> Recommend using self-contained breathing apparatus to protect against any hazardous decomposition products.		

Product Name: Styles 2000, 3500

Date: May 1, 1986

**Section V – REACTIVITY DATA**

**Stability** Stable  
**Hazardous Decomposition Products** Carbon monoxide, carbon dioxide. Trace amounts of hydrogen fluoride, perfluorocarbon olefins & other toxic fumes may be evolved above 752°F (400°C).

**Conditions to Avoid** Extreme heat above 752°F (400°C)

**Materials to Avoid** Fluorine (F<sub>2</sub>), ClF<sub>3</sub> and related compounds, and molten alkali metals

**Hazardous Polymerization**

May Occur       Will Not Occur

**Section VI – HEALTH HAZARD DATA**

**Primary Route of Exposure Under Normal Use** Inhalation (PTFE decomposition fumes.)

**Acute Effects** PTFE is non-toxic at ambient temperatures. However, small quantities of toxic gases may be produced at temperatures above 752°F (400°C) due to decomposition. Inhalation of these decomposition products may cause temporary flu-like symptoms.

**Chronic Effects** Not Known.

**Emergency and First Aid Procedures**

**Inhalation** If overcome by decomposition fumes, remove to fresh air. If not breathing, administer artificial respiration. Contact physician.

**Eye/Skin Contact** N/A

**Ingestion** N/A

**Section VII – SPILL OR RELEASE PROCEDURES**

**Steps to be Taken in Case Material is Spilled or Released** No special steps required. Non-toxic.

**Waste Disposal Method** Not a regulated waste. Dispose in accordance to local, state, and federal regulations.

**Section VIII – SPECIAL PROTECTION INFORMATION**

**Respiratory Protection** Not required.

**Protective Gloves** Not normally needed.

**Eye Protection** Not normally needed.

**Ventilation** Use local exhaust, if using under extreme heat.

**Other** None

**Section IX – SPECIAL PRECAUTIONS**

**Precautions in Handling and Storing** Store in cool, dry area.

**Other Precautions** Do not smoke when handling PTFE products; wash hands after handling to avoid transfer to tobacco products.

The information contained herein is based on data provided from suppliers of the materials used and not on the mixture itself, and is believed to be correct. However, no warranty is expressed or implied regarding the accuracy of the data. Since the information contained herein may be applied under conditions beyond our control, the persons receiving it shall make their own determination of the suitability of the product for their particular purposes.