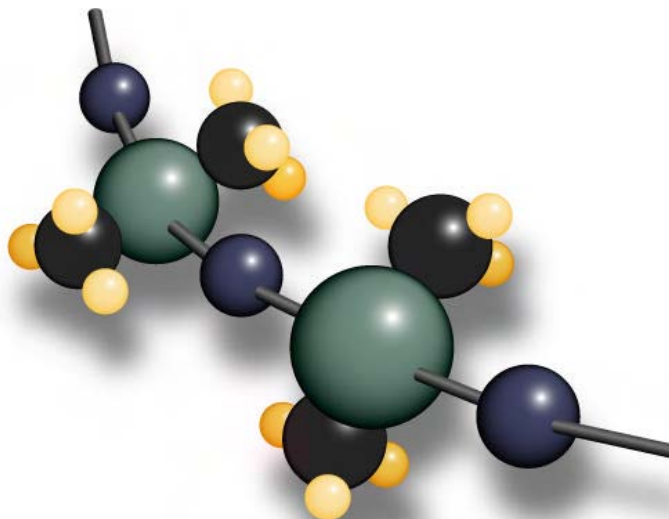


# Polymer Systems Technology Limited

UK & Ireland Distributor



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# SAFETY DATA SHEET

## MED-4210 Part B

according to EC Directive 2001/58/EC

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

<b>Identification of the substance/preparation</b>	<b>MED-4210 Part B</b>
<b>Revision Date</b>	09-Oct-2007
<b>CAS-No.</b>	Mixture
<b>Company/Undertaking Identification</b>	NuSil Technology LLC 1050 Cindy Lane Carpinteria, CA 93013 US
<b>Emergency</b>	Chemtrec: (703) 527-3887
<b>General Information</b>	NuSil France +33 4 92 96 93 31

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

No dangerous ingredients according to Directive 2001/58/EC

### 3. HAZARDS IDENTIFICATION

This preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

### 4. FIRST AID MEASURES

<b>Inhalation</b>	Not hazardous by inhalation.
<b>Skin contact</b>	Wash off with soap and water.
<b>Eye contact</b>	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.
<b>Ingestion</b>	Have victim rinse mouth thoroughly with water. If ingestion of a large amount does occur, seek medical attention.
<b>General advice</b>	If you feel unwell, seek medical advice (show the label where possible).
<b>Notes to physician</b>	Provide general supportive measures and treat symptomatically. If evacuation of stomach contents is necessary, use method least likely to cause aspiration.

### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media</b>	Small Fires: Dry chemical, CO2, water spray or regular foam.  Large Fires: Water spray, fog or regular foam.
<b>Special protective equipment for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Sweep up or gather material and place in appropriate container for disposal. Scrape up the spilled material. Never return spills in original containers for re-use. Clean contaminated surface thoroughly.

### 7. HANDLING AND STORAGE

<b>Handling</b>	Do not empty into drains. Wash hands after handling and before eating.
<b>Storage</b>	Store in a cool dry place. Keep container closed when not in use.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Personal protective equipment

<b>Respiratory protection</b>	If ventilation is not sufficient to effectively prevent buildup of aerosols or mists, appropriate NIOSH/MSHA respiratory protection must be provided.
<b>Hand protection</b>	PVC disposable gloves.
<b>Eye protection</b>	Avoid contact with eyes. Wear safety glasses with side shields.
<b>Skin and body protection</b>	Not normally needed.
<b>General</b>	Eye wash fountain and emergency showers are recommended.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Viscous liquid
<b>Auto-ignition temperature</b>	Not available
<b>Boiling point</b>	Not available
<b>Colour</b>	Translucent.
<b>Density</b>	Not available
<b>Evaporation rate</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Flammability limits in air, upper, % by volume</b>	Not available
<b>Flash point</b>	135.0 °C (275 °F) Cleveland Open Cup
<b>Form</b>	Liquid.
<b>Freezing point</b>	Not available
<b>Melting point</b>	Not available
<b>Octanol/H<sub>2</sub>O coeff</b>	Not available
<b>Odour</b>	odourless
<b>pH</b>	Not available
<b>Solubility (H<sub>2</sub>O)</b>	insoluble
<b>Specific gravity</b>	1.12
<b>Vapour density</b>	Not available
<b>Vapour pressure</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Conditions to avoid</b>	None known
<b>Hazardous decomposition products</b>	Burning can produce carbon monoxide, carbon dioxide, oxides of silicon, and hydrocarbons. Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. Traces of formaldehyde may be generated due to oxidative thermal decomposition at temperatures greater than 150°C (300°F). Exposure to formaldehyde can cause adverse effects such as skin and respiratory sensitization and eye and throat irritation. Formaldehyde is a potential carcinogen. Evaluate and control exposure to formaldehyde when warranted by conditions of use.
<b>Stability</b>	This is a stable material.
<b>Incompatibility</b>	This product may react with strong oxidizing agents.
<b>Hazardous polymerisation</b>	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Further information</b>	This product has no known adverse effect on human health.
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## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity effects</b>	This material is not expected to be harmful to aquatic life.
<b>Bioaccumulation</b>	Not established.

### 13. DISPOSAL CONSIDERATIONS

**Disposal instructions** Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

### 14. TRANSPORT INFORMATION

**ADR**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

### 15. REGULATORY INFORMATION

**Inventory status**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	yes
Canada	Domestic Substances List (DSL)	yes
Canada	Non-Domestic Substances List (NDSL)	no
China	Inventory of Existing Chemical Substances in China (CCS)	no
Europe	European Inventory of New and Existing Chemicals (EINECS)	no
Europe	European List of (ELINCS)	no
Japan	Japanese Inventory of Existing and New Chemical Substances (ENCS)	no
Korea	Korean Inventory of Chemicals (KICS)	yes
New Zealand	New Zealand Inventory	no
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

### 16. OTHER INFORMATION

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.

**Issue date**

09-Oct-2007