

SECTION I - PRODUCT IDENTIFICATION

Trade Name: **Stretchlon® 200**
Product Class: Thermoplastic Elastomers
Supplier: **Airtech International, Inc.**
5700 Skylab Road
Huntington Beach, CA 92647
Telephone: 714-899-8100
Fax: 714-899-8179

Emergency Telephone: **800-424-9300**

Hazard Ratings: Health = 0 Fire = 0 Reactivity = 0
(scale 0-4)

CAS#: None
DOT Hazard Class: None
Proper Shipping Name: Plastics
Personal Protection: None
Technical Name: None

SECTION II - HAZARDOUS INGREDIENTS

Ingredients: None
CAS Number:
Weight: %
Exposure Limits: ACGIH/TLV
OSHA PEL: mm HG

VP

SECTION III - PHYSICAL DATA

Description: Film, profiles, sheet, and tubing. Has a very faint odor.
Boiling Range: N/A
Vapor Density: N/A
Water Solubility: Insoluble
Evap. Rate (butyl acetate = 1): N/A
Vapor Pressure (mm Hg): N/A
Melting Point Range: 100°C to 250°C
Specific Gravity: 1.0 – 1.3

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point (D1929-CC): > 390°C (740°F)

Flammable Limits: LEL: N/A UEL: N/A

Extinguishing media:

Water, ABD dry chemicals, protein air foam.

Special Fire Fighting Instructions:

Wear NIOSH approved self-contained breathing apparatus. CO₂ extinguishers may be inadequate.

Unusual Fire and Explosion Hazards:

These polymers are combustible when forced to burn and may emit toxic odors.

SECTION V - HEALTH HAZARD DATA

Permissible Exposure Level: N/E

Primary Routes of Exposure: Processing vapors by inhalation; neither skin nor ingestion are known to be routes of exposure.

EFFECTS OF OVEREXPOSURE:

Acute: Heat processing at or above the decomposition point may release the products discussed in Section IV including the isocyanate MDI which may result in irritation of the respiratory tract and eyes, chest tightness, coughing, headache, and dyspnea. Sensitization with subsequent asthma-like attacks may follow.

Chronic:

Carcinogen status: NTP: No IARC: No OSHA: No

Signs and Symptoms of Exposures:

Processing vapors above melting point may cause irritation of respiratory tract, eyes, and skin; processing temperatures at or above the decomposition point may release products including MDI which may cause irritation of the respiratory tract, eyes, skin, chest tightness, coughing, headache, and dyspnea.

Medical Conditions Generally Aggravated by Exposure:

None Known

EMERGENCY AND FIRST AID PROCEDURE:

In Case of Inhalation:

In case of inhalation of vapors, remove to fresh air. If breathing has stopped, restore breathing and get medical attention.

In Case of Skin Contact:

If hot, molten polyurethane contacts skin, flush immediately with water and seek medical attention for thermal burn.

SECTION VI - REACTIVITY DATA

Stability: Stable

Incompatibilities: None known

Hazardous decomposition:

Carbon monoxide, carbon dioxide, oxides of nitrogen, hydrogen cyanide, aliphatic and aromatic hydrocarbons including MDI (methylene bisphenyl isocyanate) may be created during incomplete combustion.

Hazardous polymerization: Will not occur

Conditions to avoid: None known

SECTION VII - SPILL, LEAK, DISPOSAL PROCEDURE

Steps to be taken in case material is released or spilled:

Vacuum or sweep into a closed container for reuse or disposal.

Waste disposal:

Collect absorbent material into metal waste containers and dispose of in accordance with all local, state and federal hazardous waste regulations in a licensed landfill or by incineration.

Other Precautions:

None known

SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation:

Local Exhaust – When melt processing to remove vapors exhaust hoods should maintain a minimum of 100 lfm face velocity.

Respiratory Protection:

For processing above the melting point, NIOSH approved, supplied air respirators should be used-not required for normal ambient use.

Protective Gloves:

Recommended when handling hot product.

Eye Protection:

Safety glasses or face shield.

Work/Hygenic Practices:

Maintain good personal hygiene as standard good work practice.

Other protective equipment:

Use impermeable clothing whenever possible to prevent skin contact.

SECTION IX – REGULATORY INFORMATION

Federal Requirements

SARA TITLE III SECTION 313

Not applicable based on article exemption

PROPOSITION 65:

WARNING: Substances known to the state of California to cause cancer: None
Substances known to the state of California to birth defects or other reproductive harm: None

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USER'S RESPONSIBILITY

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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