

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

Chronosil

Product Class: Thermoplastic Polyurethane Elastomer

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's name AdvanSource Biomaterials

Emergency Telephone Number 978-657-0075

Address (Number, Street, City, State and ZIP Code)

Telephone Number for Information 1-888-657-0075

229 Andover Street

Date Prepared 22Jul08

Wilmington, MA 01887

Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))

OSHA PEL

ACGIH TLV

Other Limits Recommended

% (optional)

This material is thought to be non-hazardous under OSHA Hazard Communication Standard 29 CFR 1910.1200

Section III—Physical/Chemical Characteristics

Boiling Point - N/A

Specific Gravity (H₂O = 1) - N/A

Vapor Pressure (mm Hg) - N/A

Melting Point - 210° - 235° C

Vapor Density (AIR = 1) - Heavier than air

Evaporation Rate (Butyl Acetate = 1) - N/A

Solubility in Water N/A

Appearance and Odor - Opaque - N/A

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used) N/A

Flammable Limits

LEL N/A

UEL N/A

OSHA not regulated DOT: not regulated

Extinguishing Media: Foam, CO2, Dry Chemical

Special Fire Fighting Procedures N/A

Unusual Fire and Explosion Hazards N/A

(Reproduce locally)

OSHA 174 Sept. 1985

Section V—Reactivity Data

Stability	Unstable N/A		Conditions to Avoid - None known
	Stable <input checked="" type="checkbox"/>		

Incompatibility (*Materials to Avoid*) *Strong oxidizers, acids, alkali*

Hazardous Decomposition or Byproducts - Thermal decomposition may yield CO, CO₂, aliphatic compounds and traces of hydrogen cyanide at highly elevated temperatures

Hazardous Polymerization	May Occur		Conditions to Avoid – None known
	Will Not Occur <input checked="" type="checkbox"/>		

Section VI—Health Hazard Data

Route(s) of Entry – Eye Contact	Inhalation?	Skin?	Ingestion?
---------------------------------	-------------	-------	------------

Health Hazards (*Acute and Chronic*) *Unknown*

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
-----------------	------	------------------	-----------------

Signs and Symptoms of Exposure *None known*

Medical Conditions Generally Aggravated by Exposure

Emergency and First Aid Procedures – **EYE CONTACT** - Flush eyes with copious amounts of water for at least 15 minutes. If pain or symptoms persist, seek medical attention.

INHALATION - If difficulty in breathing develops, move individual to fresh air. If difficulty persists, seek medical attention.

SKIN - In case of contact with pellets, wash skin with soap and water. If molten material comes in contact with skin, cool with water – **DO NOT PEEL FROM SKIN!** Seek proper medical attention to remove material from skin.

INGESTION - In the event of ingestion, seek medical attention to determine treatment.

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled – Sweep up and dispose (potential slipping hazard).

Waste Disposal Method – Dispose of in accordance with local, state and federal regulations

Precautions to Be Taken in Handling and Storing – Store in cool, dry area.

Other Precautions – None known

Section VII—Control Measures

Respiratory Protection (*Specify Type*) – Requirements must be locally determined.

Ventilation	Local Exhaust: Suggested (during processing)	Special N/A
	Mechanical (<i>General</i>): Suggested (during processing)	Other

Protective Gloves – Recommended. Eye Protection- Recommended.

Other Protective Clothing or Equipment- As determined by your company's hazard assessment.

Work/Hygienic Practices- Use good industrial hygiene practices.