



Safety Data Sheet

Product: ISOFLEX (Isolite Mouthpieces)

Section I - Identification

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Section II - Hazardous Ingredients/Identity Information

According to the U.S. Occupational Safety and Health Act and Regulations, 29 CFR, 1910.1200, this product does not contain any hazardous ingredients.

If this product is used in a manner that could generate particulates (dust), Isolite Systems recommends that the dust be treated as "Particulates Not Otherwise Classified" (PNOC).

	<u>ACGIH TWA</u>	<u>OSHA PEL</u>
Inhalable particulate:	10 mg/m ³ (1989)	15 mg/m ³
Respirable particulate:	3 mg/m ³ (1995)	5 mg/m ³

Section III - Hazards Identification

Eye Contact:	Product fines may cause mechanical irritation.
Skin Contact:	Product is presumed to be minimally irritating to the skin.
Inhalation:	Product fines may cause mild mechanical irritation to the nose, throat and respiratory tract.
Ingestion:	Product is generally considered to have a low order of acute oral toxicity.



Safety Data Sheet

Section IV - First Aid Measures

Eye Contact:	Flush eyes with water for 20 -30 minutes. If irritation occurs, get medical attention.
Skin Contact:	Wash skin thoroughly with soap and water. If contact with molten product occurs, treat as for ordinary burns. If molten polymer contacts the skin, cool rapidly with cold water. Do not attempt to peel polymer from skin. Obtain medical attention for thermal burns
Inhalation:	Not likely to be inhaled due to physical form; remove affected person from dusty environment
Ingestion:	Not probable; if a large amount is swallowed, seek medical attention

Section V - Fire and Explosion Hazard Data

Flash Point (Method Used):	Not Applicable
Flammable Limits:	Not Applicable
Extinguishing Media:	Water fog, foam, dry chemical or carbon dioxide
Special Fire Fighting Procedures:	Material will not burn unless preheated. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water
Unusual Fire and Explosion Hazards:	Treat as solid that can burn. Molded parts generally burn slowly with a low smoke density and flaming drips. Under certain conditions can burn with a high smoke density

Section VI - Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled:	Shovel and sweep up or use industrial vacuum cleaner; avoid generating dust clouds; put into containers for reclaiming or disposal
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Section VII - Handling and Storage

Precautions to Be Taken in Handling	Treat as a solid that can burn. Store away from oxidizing
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Safety Data Sheet

and Storing:	materials, in a cool, dry place with adequate ventilation.
	Product has a tendency to accumulate static charge during transport, handling and processing. Reducing the velocity of transport will reduce charging. Static charge buildup can be a potential fire hazard when used in presence of volatile or flammable mixtures.
	In processing, do not allow the temperature to exceed 450 degrees F. Maintain a fire watch if 450 degrees F. is reached.
	Avoid vapors from heated products. Adequate ventilation or engineering controls must be employed in high temperature processing to prevent exposure to potentially toxic/irritating fumes.
Practice good housekeeping:	Do not allow product to accumulate in processing area.

Section VIII -Exposure Controls/Personal Protection	
Respiratory Protection:	Not ordinarily required
Ventilation:	Ventilation as required to control dust concentration in air. Adequate ventilation and/or engineering controls are required when product is heated in processing
Protective Gloves:	Heat protective gloves
Eye Protection:	Safety glasses
Other Protective Clothing or Equipment:	Heat protective clothing
Medical Conditions Generally Aggravated by Exposure:	Pre-existing eye and respiratory disorders may be aggravated by product fines

Section IX - Physical/Chemical Characteristics			
Boiling Point:	Not Applicable	Specific Gravity: (H ₂ O = 1)	.86 - 1.03
Vapor Pressure: (mm Hg.)	Not Applicable	Melting Point:	Not Applicable
Vapor Density: (AIR = 1)	Not Applicable	Evaporation Rate: (Butyl Acetate= 1)	Not Applicable



Safety Data Sheet

Solubility in Water: Negligible

Appearance and Odor: Solid, essentially odorless

Section X - Reactivity Data

Stability:	Stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Strong oxidizing agents
Hazardous Decomposition:	At processing temperatures, some degree of thermal degradation will occur; although highly dependent on temperature and environmental conditions, a variety of decomposition products may be present ranging from simple hydrocarbons (such as methane and propane) to toxic/irritating gases (carbon monoxide and dioxide, acrolein, acids, ketones, aldehydes)

Section XI - Toxicological Information

Carcinogenicity: NTP?	Not listed	IARC Monographs?	Not listed
OSHA Regulated?	No	Signs and Symptoms of Exposure:	As noted above

Section XI - Ecological Information

Ecotoxicity:	Not Available
BOD5 and COD:	Not Available
Products of Biodegradation:	Hazardous degradation products are not likely to appear in a short period of time. Long term degradation product information is not available.



Safety Data Sheet

Section XII - Disposal Considerations

Waste Disposal Method:

Place in an appropriate disposal facility in compliance with local, state and federal regulations.

Section XIV - Transport Information

DOT Classification:

Not Regulated

Section XV - Regulatory Information

The components of this product are listed on the EPA/TSCA inventory of chemical substances.

Protection of stratospheric ozone (Pursuant to Section 611 of the clean air act amendment 1990): Per 40 CFR Part 82. This product does not contain nor was it directly manufactured with any Class I or Class II Ozone Depleting Substances.

Based on Data available, this product is not regulated under Section 313 of Title III of the Superfund Amendments & Reauthorization Act of 1986.

Based on Data available, this product is not regulated under the California Safe Drinking and Water Act (Proposition 65).

Based on Data available, this product is not regulated under the Resource Conservation and Recovery Act (RCRA).

Based on Data available, this product is not regulated under the Coalition of Northeastern Governors (CONEG).

Based on Data available, this product is not regulated as an Extremely Hazardous Substance (EHS).

Section XVI - Other Information

WHMIS (Canada):

Not Hazardous

The information contained herein is based on the data available to us and is believed to be correct. However, Isolite Systems makes no guarantee, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Isolite Systems assumes no responsibility for injury from the use of the product described herein.