



Safety data sheet

Finished Elastomer Article

Revision date : 2009/08/06
Version: 1.0

Page: 1/5
(SDS_GEN_US/EN)

1. Substance/preparation and company identification

Company

Flex Trim Inc.
4264 Old Linwood Road
Linwood, NC 27299

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

Synonyms: Polyurethane Elastomer

2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
	100.0 %	Polyurethane Elastomer

3. Hazard identification

Emergency overview

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

Potential health effects

Primary routes of exposure

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Acute toxicity:

Ingestion may cause gastrointestinal disturbances. The inhalation of dusts represents a potential acute hazard. Inhalation of dust may cause respiratory tract irritation, coughing and breathing difficulties.

Irritation:

Irritating to respiratory system. Irritating to eyes and skin. Contact with powders or dusts may irritate the eyes, skin and respiratory tract. Thermal decomposition products of the substance can irritate the eyes, skin, and respiratory tract.

Sensitization:

The chemical structure suggests a sensitizing effect. The product has not been tested. The statement has been derived from products of a similar structure and composition.

Repeated dose toxicity:

No known chronic effects.

Medical conditions aggravated by overexposure:

Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product.

Safety data sheet

Finished Elastomer Article

Revision date : 2009/08/06
Version: 1.0

Page: 2/5
(SDS_GEN_US/EN)

Potential environmental effects

Aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

4. First-Aid Measures

If inhaled:

After inhalation of decomposition products: Remove the affected individual into fresh air and keep the person calm. Seek medical attention if necessary.

If on skin:

Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

If in eyes:

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. If irritation develops, seek medical attention.

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Seek medical attention if necessary.

5. Fire-Fighting Measures

Self-ignition temperature: not self-igniting

Suitable extinguishing media:

water, dry extinguishing media, carbon dioxide, foam

Hazards during fire-fighting:

If product is heated above decomposition temperature, toxic vapours will be released.

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

6. Accidental release measures

Personal precautions:

No special precautions necessary.

Cleanup:

Place into suitable container for disposal. See MSDS section 13 - Disposal consideration.

7. Handling and Storage

Handling

Protection against fire and explosion:

No explosion proofing necessary.

Safety data sheet

Finished Elastomer Article

Revision date : 2009/08/06
Version: 1.0

Page: 3/5
(SDS_GEN_US/EN)

Storage

General advice:
Avoid deposition of dust. No special precautions necessary.

Storage stability:
No data available.

8. Exposure controls and personal protection

Advice on system design:
Provide local exhaust ventilation to control dust.

Personal protective equipment

Respiratory protection:
Wear a NIOSH-certified (or equivalent) particulate respirator.

Hand protection:
working gloves

Eye protection:
Wear face shield or tightly fitting safety goggles (chemical goggles) if splashing hazard exists.

General safety and hygiene measures:
Handle in accordance with good industrial hygiene and safety practice. Wash soiled clothing immediately.

9. Physical and Chemical Properties

Form:	solid	
Odour:	Unspecified	
Colour:	No data available.	
pH value:	>= 7	
Boiling point:	> 150 °C	
Solubility in water:		not soluble

10. Stability and Reactivity

Conditions to avoid:
> 300 degrees Fahrenheit
Avoid extreme heat. Avoid all sources of ignition: heat, sparks, open flame.

Hazardous reactions:
The product is chemically stable.

Decomposition products:
Thermal decomposition products: carbon monoxide, carbon dioxide, hydrogen cyanide, ether, esters, ketones

Thermal decomposition:
No data available.

Corrosion to metals:
No corrosive effect on metal.

Oxidizing properties:
not fire-propagating

Safety data sheet

Finished Elastomer Article

Revision date : 2009/08/06
Version: 1.0

Page: 4/5
(SDS_GEN_US/EN)

11. Toxicological information

Chronic toxicity

Genetic toxicity:

The substance was not mutagenic in bacteria.

The product has not been tested. The statement has been derived from products of a similar structure and composition.

12. Ecological Information

Environmental fate and transport

Biodegradation:

Evaluation:

Biodegradable.

The product has not been tested. The statement has been derived from products of a similar structure and composition.

Environmental toxicity

Acute toxicity to aquatic invertebrates:

Daphnia magna/EC50 (48 h): > 100 mg/l

13. Disposal considerations

Waste disposal of substance:

Dispose of in a licensed facility.

Container disposal:

Incinerate or dispose of in a licensed facility.

14. Transport Information

Reference Bill of Lading

15. Regulatory Information

Federal Regulations

Registration status:

TSCA, US

released / listed

16. Other Information

HMIS III rating

Health: 1

Flammability: 1

Physical hazard: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

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Page: 5/5
(SDS_GEN_US/EN)

Local Contact Information
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