



Safety Data Sheet

[Hapflex 599A]

Section 1. Identification

Product Identifier [Hapflex 599A]
Synonyms N/A
Manufacturer Stock Numbers N/A

Recommended use Molding Compound
Uses advised against N/A

Manufacturer Contact
Address Hapco Inc.
353 Circuit St.
Hanover, MA, 02339
U.S.A

Phone
(781) 826-8801

Emergency Phone
(800) 424-9300
CHEMTREC Night and
day

Fax
(781) 826-9544

Website
www.hapcoweb.com

Section 2. Hazards Identification

Classification ACUTE TOXICITY - INHALATION - Category 3
ASPIRATION HAZARD - Category 2
EYE DAMAGE/IRRITATION - Category 2B
SENSITIZATION - RESPIRATORY - Category 1
SKIN CORROSION/IRRITATION - Category 2
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3

Signal Word Danger

Pictogram



Hazard Statements

Causes eye irritation
Causes skin irritation
May be harmful if swallowed and enters airways
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause respiratory irritation; or May cause drowsiness or dizziness
Toxic if inhaled

Precautionary Statements

Response

Call a poison center/doctor/ ... /if you feel unwell.
Call a poison center/doctor/...
Do NOT induce vomiting.
If experiencing respiratory symptoms: Call a poison center/doctor/ ...
If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If skin irritation or rash occurs: Get medical advice/attention.
If swallowed: Immediately call a poison center/doctor/...

Prevention

[In case of inadequate ventilation] wear respiratory protection.
Avoid breathing dust/fume/gas/mist/ vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Use only outdoors or in a well-ventilated area.
Wear eye protection/face protection.
Wear protective gloves.

Storage

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Disposal

N/A

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

Emergency Overview

Toxic by inhalation; harmful if inhaled or swallowed; may cause eye, skin and respiratory tract irritation; may cause sensitization by skin contact, may cause allergic respiratory reaction.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
5124-30-1	Cyclohexane, 1,1'-methylenebis[4-isocyanato-	13% - Max
	Proprietary prepolymer, H12MDI capped	87% - Max

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Skin Contact

Remove contaminated clothing. Wash skin promptly with soap and water. Seek immediate medical attention.

Ingestion	DO NOT INDUCE VOMITTING. Drink 1-2 cups water or milk. Do Not give anything by mouth to an unconscious person Seek immediate medical attention
Inhalation	Move to fresh air. Aid in breathing if necessary. Asthmatic-type symptoms may develop immediately or delayed up to several hours. Seek immediate medical attention.
Eye Contact	Immediately rinse eyes with running water for at least 15-30 minutes. Seek immediate medical attention.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Carbon dioxide, foam, or dry chemical.
Unsuitable Extinguishing Media	N/A
Special Fire Fighting Procedures	Full emergency equipment with self-contained breathing apparatus and full protective clothing (turnout gear) should be worn by fire fighters. Burning of this material will result in the release of toxic fumes. Closed containers may explode when exposed to extreme heat or burst when contaminated with water (carbon dioxide evolved).

Section 6. Accidental Release Measures

Spill and Leaks	Evacuate nonessential personnel. Remove all sources of ignition and ventilate the area. Dike or impound spilled material and control further spillage if feasible. Cover with sand or other material to reduce stickiness. Pour neutralizing solution over area and allow to react for 10 - 30 minutes. Collect material in open containers and add more neutralizing chemicals
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Section 7. Handling and Storage

Product Storage	Store in tightly closed containers in dry, well-ventilated area away from areas of direct heat, and incompatibles. Store at ambient temperature. Keep containers tightly closed and upright when not in use.
Handling	Do not get in eyes, on skin or on clothing. Use in a well ventilated area. Wear suitable gloves. Wash hands before eating, drinking, smoking.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Cyclohexane, 1,1'-methylenebis[4-isocyanato-	.005 ppm	.01 ppm	N/A
	Proprietary prepolymer, H12MDI capped	N/A	N/A	N/A
Personal Protective Equipment	Goggles, Gloves, Face Shield			
PPE	Personal protection equipment selection is best assigned by the user after performing a hazard assessment on the product as it is to be used in the specific work process.			

Section 9. Physical and Chemical Properties

Physical State	Moderate
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	viscosity liquid
Color	Colorless
Odor	Very slight odor
Odor Threshold	N/A
Solubility	Insoluable, reacts with water
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1.1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	>205C
FP Method	N/A
Ph	N/A
Melting Point	Not Determined
Boiling Point	165C
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	Not Determined
Vapor Density	Not Determined

Section 10. Stability and Reactivity

Other	<p>Contact with moisture or other materials which react with isocyanates may cause polymerization.</p> <p>Oxides of carbon and nitrogen under burning conditions.</p> <p>Contact with certain rubbers and plastics can cause imbrittlement or softening of the material with subsequent loss in strength.</p>
Chemical Stability	This is a stable product.
Reactivity	Incompatible with the following: Aluminum, Zinc, strong oxidizers, amines water, alcohols, strong bases, metal compounds, surface active materials.

Section 11. Toxicological Information

Primary Route(s) of Entry	Eye, Skin contact, Inhalation and Ingestion.
Ingestion	May cause aspiration hazard if swallowed; May cause irritation to the mucous membranes of the mouth, throat and digestive tract.

Eye	May cause tearing, reddening and/or swelling; May cause slight corneal injury.
Skin	Can be severely irritating.
Inhalation	Highly toxic by inhalation of aerosol or mist; May cause coughing and difficulty breathing; Extremely high vapor concentration may cause lung damage.
Carcinogenic Information	No Carcinogenic substances as defined by IARC, NTP, and/or OSHA.

Section 12. Ecological Information

No Data Available

Section 13. Disposal

Disposal	Dispose of waste in compliance with all applicable federal, state and local environmental laws and regulations. Compliance with waste laws and regulations are the responsibility of the waste generator.
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Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Non-Hazardous liquid plastic
DOT Classification	Not regulated.
Packing Group	N/A

Section 15. Regulatory Information

OSHA/HCS status	This product is considered hazardous by the OSHA Hazardous Communication Standard (29CFR 1910.1200).
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Section 16. Other Information

Revision Date	3/2/2016
HMIS III	Health = 2* Fire= 1 Phy Hzd= 1
Disclaimer	Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks and use of the product are therefore assumed by the user and we expressly disclaim all warranties of ever kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Appropriate warnings and safe handling procedures should be provided to handlers and users.

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