



Safety Data Sheet

[Hapflex 599B]

Section 1. Identification

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

Recommended use Epoxy/Urethane Curative
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 - ORAL - Category 4
CARCINOGENICITY - Category 2
HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD -
Category 1

Signal Word Warning
Pictogram



Hazard Statements	Harmful if swallowed Suspected of causing cancer. Very toxic to aquatic life with long lasting effects
Precautionary Statements	
Response	Collect spillage If exposed or concerned: Get medical advice/attention. If swallowed: Call a poison center/doctor/ ... / if you feel unwell. Rinse mouth.
Prevention	Avoid release to the environment Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash ...thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Storage	Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	
Classification	Harmful, possible corrosive, dangerous to the environment, carbon black is an IARC Group 2B carcinogen.
Emergency Overview	Harmful if absorbed through skin. Causes eye irritation. May be harmful if swallowed. may cause skin irritation.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
1333-86-4	Carbon black	1% - Max
13463-67-7	Titanium oxide (TiO ₂)	1% - Max
19900-65-3	Benzenamine, 4,4'-methylenebis[2-ethyl-	30% - 45%
13674-84-5	2-Propanol, 1-chloro-, phosphate (3:1)	35% - 65%
	Proprietary mixture of aromatic and aliphatic amines	5% - 20%

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

Section 4. First-Aid Measures

Eye Contact	Immediately rinse eyes with running water for at least 15-30 minutes. Seek immediate medical attention.
Skin Contact	Remove contaminated clothing. Launder clothing before re-use. Wash skin promptly with soap and water. Get medical attention if irritation persists.
Inhalation	Move to fresh air. Aide in breathing if necessary. Get medical attention.
Ingestion	Drink 1-2 glasses of water or milk. Induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Water, carbon dioxide, foam or dry chemical. Full emergency equipment with self-contained breathing apparatus and full protective clothing (turnout gear) should be worn by fire fighters. Burning of this material may result in the release of toxic fumes.
Unsuitable Extinguishing Media	N/A

Section 6. Accidental Release Measures

Spill and Leaks	Evacuate nonessential personnel. Remove all sources of ignition and ventilate area. Dike or impound spilled material and control further spillage if feasible. Absorb on inert carrier. Sweep, scrape or vacuum up. Shovel into secure containers for proper disposal. Use personal protective equipment. Areas may be slippery.
Neutralization Chemical	Not Applicable use alcohol to clean surfaces

Section 7. Handling and Storage

Product storage	Store tightly sealed and away from sources of direct heat in a dry area.
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Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Carbon black	N/A	N/A	N/A
	Titanium oxide (TiO2)	N/A	N/A	N/A
	Benzenamine, 4,4'-methylenebis[2-ethyl-2-Propanol, 1-chloro-, phosphate (3:1)	N/A	N/A	N/A
	Proprietary mixture of aromatic and aliphatic amines	N/A	N/A	N/A
Personal Protective Equipment PPE	Goggles, Gloves, Apron			
	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	liquid
Color	Grey
Odor	slight odor
Odor Threshold	N/A
Solubility	Negligible
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	low viscosity
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	340 C

FP Method	COC
Ph	N/A
Melting Point	NA
Boiling Point	>600F
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	ND
Vapor Density	NA

Section 10. Stability and Reactivity

Stability	This is a stable product.
Incompatibility	Strong oxidizing agents, contact with nitrates, strong alkalis and strong acids may cause fires and explosions.
Hazardous Polymerization	Will not occur
Decomposition Products	Oxides of carbon and nitrogen under burning conditions.
Other Reactivity Data	Contact with certain rubbers and plastics can cause imbrittlement or softening of the material with subsequent loss in strength.

Section 11. Toxicological Information

Primary Route(s) of Entry	Skin and Eyes
Ingestion	Harmful by ingestion, Nausea, stomach pain may occur; there may be vomiting, loss of consciousness, convulsions.
Skin	Can cause irritation to skin.
Eye	Can be severely irritation to eyes.
Inhalation	Irritating to respiratory system.
Carcinogenicity	Carbon black and titanium dioxide are IARC Group 2B carcinogens - possibly carcinogenic to humans.

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	2735
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UN Proper Shipping Name Amines, Liquid, Corrosive, N.O.S. (Polyetherdiamine)
DOT Classification 8
Packing Group II

Section 15. Regulatory Information

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

Section 16. Other Information

Revision Date 3/1/2016
HMIS III Health= 2 Fire= 1 Phy Hzd= 0
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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