



Safety Data Sheet

[Ultralloy 307A]

Section 1. Identification

Product Identifier [Ultralloy 307A]
Synonyms N/A
Manufacturer Stock Numbers N/A

Recommended use Moulding Compound
Uses advised against N/A

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

Phone
(781) 826-8801

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(800) 424-9300
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(781) 826-9544

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www.hapcoweb.com

Section 2. Hazards Identification

Classification ACUTE TOXICITY - DERMAL - Category 4
ACUTE TOXICITY - ORAL - Category 4
EYE DAMAGE/IRRITATION - Category 2B
SENSITIZATION - RESPIRATORY - Category 1
Signal Word Danger

Pictogram



Hazard Statements

Causes eye irritation
Harmful if swallowed
Harmful in contact with skin
May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary Statements

Response

Call a poison center/doctor/ ... /if you feel unwell.
If experiencing respiratory symptoms: Call a poison center/doctor/ ...
If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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 on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If on skin: Wash with plenty of water/ ...
If swallowed: Call a poison center/doctor/ ... / if you feel unwell.
If swallowed: Rinse mouth. Do NOT induce vomiting.
Immediately call a poison center/doctor/ ...
Rinse mouth.
Specific treatment (see ... on this label)
Take off immediately all contaminated clothing and wash it before reuse.
Wash contaminated clothing before reuse.

Prevention

[In case of inadequate ventilation] wear respiratory protection.
Avoid breathing dust/fume/gas/mist/ vapors/spray.
Do not breathe dust/fume/gas/mist/ vapors/spray.
Do not eat, drink or smoke when using this product.
Wash ...thoroughly after handling.
Wear protective gloves/protective clothing.
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

Emergency Overview

Contains CAS# 101-68-8; inhalation of MDI mists or vapors may cause respiratory irritation, breathlessness, chest discomfort, and reduced pulmonary function.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
13674-84-5	2-Propanol, 1-chloro-, phosphate (3:1)	18% - Max
	Modified MDI	27% - Max
101-68-8	Benzene, 1,1'-methylenebis[4-isocyanato-	60% - Max
26447-40-5	Benzene, 1,1'-methylenebis[isocyanato-	7% - Max

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

Section 4. First-Aid Measures

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. Aide in breathing if necessary. Get medical attention.
Skin Contact	Remove contaminated clothing. Wash skin promptly with soap and water. 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

Neutralization Chemical	Prepare a solution consisting of Isopropyl alcohol, 20%; Concentrated ammonia solution, 10%; Household-type detergent, 2-5%; Water, balance.
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.

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
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Handling

containers tightly closed and upright when not in use.
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
	2-Propanol, 1-chloro-, phosphate (3:1)	N/A	N/A	N/A
	Modified MDI	N/A	N/A	N/A
	Benzene, 1,1'-methylenebis[4-isocyanato-	N/A	N/A	N/A
	Benzene, 1,1'-methylenebis[isocyanato-	N/A	N/A	N/A
Personal Protective Equipment	Goggles, Gloves, Face Shield			
Ventilation Requirements	Effective engineering controls should be used whenever possible to eliminate and/or reduce worker exposure to all respiratory hazards. General and local ventilation, or isolation may be adequate to keep airborne concentrations or regulatory hazards with acceptable levels.			
Respirator Protection	In some situations, a respirator may be necessary in addition to ventilation. The use of a positive pressure air-supplied respirator is mandatory when airborne concentrations are not known or exceed TLV; operations are performed in a confined space or area with limited ventilation. Air purifying respirators are not generally recommended for use with this product.			
Skin Protection	Check chemical compatibility tables for suitability with this product. Wear only impervious gloves. Selection will depend upon operation. Neoprene, polyvinyl chloride or nitrile gloves are recommended for most normal handling operations.			
Eye Protection	Safety glasses, splash goggles or face shield. Contact lenses should not be worn.			
Additional Protection	Safety showers and eyewash stations should be available. Educate and train employees in safe use of product. Wash hands before breaks and at the end of work.			

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Clear, light yellow
Odor	Low odor
Odor Threshold	N/A
Solubility	Water Reactive
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	Low viscosity
Specific Gravity	1.2
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A

Flash Point	More Than 200C
FP Method	COC
Ph	NA
Melting Point	ND
Boiling Point	ND
Boiling Range	ND
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	.0002 mm Hg
Vapor Density	More Than 1

Notations

NA= Not Applicable ND= Not Determined

Section 10. Stability and Reactivity

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

Section 11. Toxicological Information

Primary Route(s) of Entry	Eye, Skin contact, Inhalation and Ingestion.
Specific Hazard	Prolonged or repeated exposure may cause irritation or other allergic responses.
Skin	Virtually nontoxic after a single skin contact. Continual skin contact causes irritation and can lead to sensitization.
Eye	Eye contact causes irritation.
Ingestion	Virtually nontoxic after a single ingestion.
Inhalation	May cause irritation of the mucous membranes in the respiratory tract. Symptoms include: chest tightness, wheezing, cough, shortness of breath or asthmatic attack. Can lead to sensitization.
Carcinogenicity	Indication of possible carcinogenic effect in animal studies. However, the relevance of this result for humans is unclear.

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.

Section 14. Transport Information

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

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	6/10/2015
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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