



Safety Data Sheet ASSEMBLY FLUID #1

SDS Revision Date:

09/18/2018

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Identity ASSEMBLY FLUID #1

Alternate Names

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use See Technical Data Sheet.

Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name Ultrachem Inc.
900 Centerpoint Blvd.
New Castle, Delaware 19720
USA

Emergency

CHEMTREC (USA) (800) 424-9300

Customer Service: Ultrachem Inc. Phone: (302) 325-9880

Fax: (302) 325-0335

2. Hazard identification of the product

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

No applicable GHS categories.

[Prevention]:

No GHS prevention statements

[Response]:

No GHS response statements

[Storage]:

No GHS storage statements

[Disposal]:

No GHS disposal statements

3. Composition/information on ingredients

This product is considered a mixture.

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
acrylic copolymer CAS Number: Proprietary	30 - 60	Not classified	
<u>Interchangeable Neutral Oils</u>	25 - 75	Asp. Tox. 1; H304	[1]
Distillates (petroleum), solvent-dewaxed heavy paraffinic CAS Number: 0064742-65-0	--	--	
Distillates (petroleum), solvent-dewaxed light paraffinic CAS Number: 0064742-56-9	--	--	
Methyl methacrylate CAS Number: 0000080-62-6	0.1 - 1.0	Flam. Liq. 2; H225 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335	[1]

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

This formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Trade secrets are allowable per paragraph (i) of 29 CFR 1910.1200 as long as specific chemical identity and exact percentage composition are available and will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

4. First aid measures

4.1. Description of first aid measures

General	First aider needs to protect himself. The rescuer should always protect themselves from exposure prior to beginning rescue or first aid measures.
Inhalation	If inhaled, remove to fresh air. If symptoms persist, consult a physician for treatment.
Eyes	In case of contact, immediately flush eyes with plenty of water. Obtain medical attention if irritation develops.
Skin	Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Obtain medical attention immediately if symptoms occur. Wash clothing before reuse.
Ingestion	If swallowed, only induce vomiting if directed by medical personnel. Get medical attention. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Skin	Product has dermal defatting effect.
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5. Fire-fighting measures

5.1. Extinguishing media

Use water spray or fog, foam, dry chemical or CO2. Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

In the case of fire, the following hazardous smoke fumes may be produced: carbon monoxide, carbon dioxide.

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus. Wear full protective gear. Evacuate area and fight fire from a safe distance. Keep people away from and upwind of spill/leak. Containers can build up pressure if exposed to heat (fire). Cool with water spray.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Ventilate the area. Wear a self-contained breathing apparatus and appropriate personal protective equipment. (See Section 8 - Exposure Controls/Personal Protection.) Take off all contaminated clothing immediately.

6.2. Environmental precautions

Obey relevant local, state, provincial and federal laws and regulations. Do not contaminate any lakes, streams, rivers, groundwater or soil.

6.3. Methods and material for containment and cleaning up

Floor may be slippery; use care to avoid falling. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Avoid breathing vapor or mist. Follow all SDS/label precautions even after container is emptied because it may retain product residues. Wash thoroughly after handling.

When heated above the flash point and/or during spraying (atomizing), ignitable mixtures may form in air. In the event of fire, cool the endangered containers with water.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed and in a well-ventilated place. Do not store at temperatures above 100 °C / 212 °F. Low temperature storage can cause handling problems. Viscosity of material will increase.

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

CAS No.	Ingredient	Exposure	
		Source	Value
0000080-62-6	Methyl methacrylate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0064742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0064742-65-0		OSHA	No Established Limit

	Distillates (petroleum), solvent-dewaxed heavy paraffinic	ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	acrylic copolymer	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000080-62-6	Methyl methacrylate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0064742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0064742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Proprietary	acrylic copolymer	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Respiratory

Up to 10 times the TWA/TL V: Wear a MSHA/NIOSH approved (or equivalent) half- mask, air-purifying respirator., A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "Respirator Decision Logic" may be useful in determining the suitability of various types of respirators., Where misting may occur, wear a MSHA/NIOSH approved (or equivalent) half mask, dust/mist air purifying respirator.

Eyes

Use safety glasses (ANSI Z87.1 or approved equivalent).

Skin

Use chemically resistant apron or other impervious clothing to avoid prolonged or repeated skin contact.

Hand Protection

The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection: nitrile rubber gloves/butyl rubber gloves. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough.

Hygiene Measures

Take off all contaminated clothing immediately. Follow the usual good standards of occupational hygiene. Store work clothing separately. Use skin protective preparation as preventive skin protection. Cloths contaminated with product should not be kept in trouser pockets.

Engineering Controls

Ensure there is good room ventilation.

Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

9. Physical and chemical properties

Appearance	Amber Liquid
Odor	Mild
Odor threshold	Not Measured
pH	Not Measured
Melting point / freezing point	Not Measured
Pour Point	-4C
Initial boiling point and boiling range	Not Measured
Flash Point	>120C
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	Not Measured
Vapor Density	Not Measured
Specific Gravity	0.91
Solubility in Water	Not Measured
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	1,500 cSt

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

This material is considered stable under specified conditions of storage, shipment and/or use.

10.3. Possibility of hazardous reactions

Product will not undergo polymerization.

10.4. Conditions to avoid

High temperature. Depolymerization begins at 200°C/392°F.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

None when used as directed.

Under conditions of thermal decomposition: Methacrylates

When overheated: oil vapors

11. Toxicological information

Acute oral toxicity:

Parameter : LD50 Exposure route : Oral
Species : Rat Effective dose : > 2 000 mg/kg

Acute dermal toxicity:

Parameter : LD50 Exposure route : Dermal
Species : Rabbit Effective dose : > 2 000 mg/kg

Caustic burning/irritation of skin: If contact with skin is prolonged and/or frequent, irritations cannot be excluded. The product has a degreasing effect on skin.

Serious eye damage/eye irritation: Contact with the eyes may cause irritation.

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1 Toxicity

No investigations were carried out with the mixture itself. No evidence for hazardous properties.

12.2. Persistence and degradability

No investigations were carried out with the mixture itself. No evidence for hazardous properties.

12.3. Bioaccumulative potential

No investigations were carried out with the mixture itself. No evidence for hazardous properties.

12.4. Mobility in soil

No investigations were carried out with the mixture itself. No evidence for hazardous properties.

12.5. Results of PBT and vPvB assessment

The classification criteria are not met based on the available data.

12.6. Other adverse effects

Prevent substance from entering soil, natural bodies of water and sewer systems.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

Product	Incinerate liquid and contaminated solids in accordance with local, state and federal regulations.
Uncleaned Packaging	Contaminated packages must be emptied as good as possible. They may then be recycled after proper cleaning. Packages that cannot be cleaned must be disposed of in the same way as the substance. Packaging that cannot be cleaned should be disposed of professionally. Uncontaminated packaging may be taken for recycling.
Code of Waste EWC	13 02 05: Waste engine, gear and lubricating oils - mineral-based non-chlorinated engine, gear and lubricating oils. Always check the given waste codes according to the actual conditions of manufacturing, formulation or use in your facilities.

14. Transport information

14.1. UN number	Not Applicable
14.2. UN proper shipping name	Not Regulated
14.3. Transport hazard class(es)	
DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation) / ICAO/IATA
DOT Proper Shipping Name	Not Regulated
DOT Hazard Class	Not Applicable
DOT Label	---
UN / NA Number	Not Applicable
DOT Packing Group	Not Applicable
CERCLA/DOT RQ	NA gal. / NA lbs.
	IMDG Proper Shipping Name
	Not Regulated
	IMDG Hazard Class
	Not Applicable
	IMDG Sub Class
	Not Applicable
	IMDG Packing Group
	Not Applicable
	ICAO/IATA Proper Shipping Name
	Not Regulated
	Air Class
	Not Applicable
14.4. Packing group	Not Applicable
14.5. Environmental hazards	
IMDG	Marine Pollutant: No
14.6. Special precautions for user	Not Applicable
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not Applicable

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.
WHMIS Classification	Not Regulated

US EPA Tier II Hazards

Fire: No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): No

Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:

(No Product Ingredients Listed)

EPCRA 302 Extremely Hazardous :

(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals:

(No Product Ingredients Listed)

Proposition 65 - Carcinogens (>0.0%):

(No Product Ingredients Listed)

Proposition 65 - Developmental Toxins (>0.0%):

(No Product Ingredients Listed)

Proposition 65 - Female Repro Toxins (>0.0%):

(No Product Ingredients Listed)

Proposition 65 - Male Repro Toxins (>0.0%):

(No Product Ingredients Listed)

N.J. RTK Substances (>1%) :

(No Product Ingredients Listed)

Penn RTK Substances (>1%) :

(No Product Ingredients Listed)

Mass RTK Substances (>1%) :

Distillates (petroleum), solvent-dewaxed light paraffinic

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H225 Highly flammable liquid and vapour

H335 May cause respiratory irritation.

The information provided on the SDS is a correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

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