



AMERICAN INTERNATIONAL INDUSTRIES

Safety Data Sheet EzFlow HD Monomer

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product name EzFlow HD Monomer

Product number 32193DOM, 32194INT

Other means of identification

Use:
Personal Beauty Product

Details of the supplier of the safety data sheet

Name American International Industries

Address 2220 Gaspar Ave
Los Angeles, CA 90040
USA

Telephone 323-728-2999

Emergency telephone number

Chem-Tel: 1(800) 255-3924

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP) and OSHA 2012 Hazardous Communication Standard 29 CFR §1910.1200

- Eye damage/irritation (chapter 3.3), Cat. 2A, H319
- Sensitization, skin (chapter 3.4), Cat. 1, H317
- Skin corrosion/irritation (chapter 3.2), Cat. 2, H315
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3, H335, H336
- Flammable liquids (chapter 2.6), Cat. 2, H225

For the full text corresponding to the "H"-codes displayed in this section, refer to Section 16.

Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP] and OSHA 2012 Hazardous Communication Standard 29 CFR §1910.1200

Hazard pictograms

Safety Data Sheet

EzFlow HD Monomer



Signal word

Danger

Hazard statement(s)

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H225	Highly flammable liquid and vapor
H336	May cause drowsiness or dizziness

Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor/... if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well ventilated place. Keep container tightly closed.
P405	Store locked up.
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P243	P242 Use only non-sparking tools.
P303+P361+P353	Take precautionary measures against static discharge.
P403+P235	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
	Store in a well ventilated place. Keep cool.

SECTION 3: Composition/information on ingredients

Mixtures

Components

Component	Concentration
ETHYL METHACRYLATE (CAS no.: 97-63-2; EC no.: 202-597-5; Index no.: 607-071-00-2)	65 - 85 %
CLASSIFICATIONS: Flammable liquids (chapter 2.6), Cat. 2; Eye damage/irritation (chapter 3.3), Cat. 2; Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3; Skin corrosion/irritation (chapter 3.2), Cat. 2; Sensitization, skin (chapter 3.4), Cat. 1. HAZARDS: H225 - Highly flammable liquid and vapor; H315 - Causes skin irritation; H317 - May cause an allergic skin reaction; H319 - Causes serious eye irritation; H335 - May cause respiratory irritation.	
PEG-4 Dimethacrylate (CAS no.: 109-17-; EC no.: 203-653-1)	5 - 15 %
CLASSIFICATIONS: ; Sensitization, skin (chapter 3.4), HAZARDS: H317 - May cause an allergic skin reaction; H335 - May cause respiratory irritation.	
HEMA (CAS no.: 868-77-9; EC no.: 212-782-2; Index no.: 607-124-00-X)	5 - 15 %

Safety Data Sheet

EzFlow HD Monomer

CLASSIFICATIONS: Eye damage/irritation (chapter 3.3), Cat. 2; Skin corrosion/irritation (chapter 3.2), Cat. 2; Sensitization, skin (chapter 3.4), Cat. 1. HAZARDS: H315 - Causes skin irritation; H317 - May cause an allergic skin reaction; H319 - Causes serious eye irritation.

SECTION 4: First aid measures

Description of first aid measures

General notes	Though this product is non hazardous for its indented use, in all cases, if symptoms persists contact a physician.
Following inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Following skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.
Following eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
Following ingestion	Get medical attention immediately. If swallowed, do NOT induce vomiting. Contact a physician or a poison control center immediately. Never give anything by mouth to an unconscious person.
Self-protection of the first aider	Full protective equipment, including self-contained breathing apparatus is recommended.

Most important symptoms and effects, both acute and delayed

If inhaled for long periods of time, can cause dizziness/drowsiness, headache and nausea

SECTION 5: Firefighting measures

Extinguishing media

Dry chemical, carbon dioxide, Halon foam. Water may be ineffective. Water spray may be used to keep fire exposed containers cool and to disperse vapors.

Special hazards arising from the substance or mixture

Vapors can travel to a source of ignition and flashback. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

Advice for firefighters

Use NIOSH approved self-contained breathing apparatus in the pressure demand mode. Isolate fire area. Remove all personnel.

Further information

Containers exposed to extreme heat may rupture. Water from fog nozzle may be used to cool containers to prevent pressure build up. Vapors are heavier than air and may travel along the ground to a source of ignition.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

Safety Data Sheet

EzFlow HD Monomer

Environmental precautions

Household: Do not place spilled product in any drain or water system that can go into the environment.

Industrial: Should not be released into the environment.

Methods and material for containment and cleaning up

Large spills or leaks should be cleaned up by trained personnel using properly planned procedures. Protective equipment should be used. Remove or turn off all sources of ignition, such as, but not limited to, gas heaters, gas stoves, sparks from static electricity, or internal combustion engines (gas forklifts). Ventilate area. Use non-sparking tools. Clear affected area of non-essential personnel. Prevent skin contact and breathing vapors. Prevent product from entering sewers or confined areas. Clean area thoroughly. Follow Local, State and U.S. federal waste disposal regulations. Do not incinerate in closed containers.

SECTION 7: Handling and storage

Precautions for safe handling

Avoid prolonged contact with the product. After use, wash hands and exposed skin with soap and water. Do not eat, drink, or smoke while handling this product

Conditions for safe storage, including any incompatibilities

Keep this material away from heat, sparks, and open flame. Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty containers may contain residual amounts of the product; therefore handle empty container with care.

Store containers in a cool dry place, away from direct sunlight, other light sources, or any intense heat. Store away from incompatible materials as appropriate.

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

Appropriate engineering controls

Distribution, Workplace and Household Settings: Ensure adequate ventilation. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal protection equipment

Eye and face protection

Depending on the use of this product splash or safety glasses may be worn in an industrial setting. When necessary refer to U.S. OSHA 29 CFR §1910.133, Canadian standards, or the European standard EN166.

Skin protection

Skin Protection: None required with normal household use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.

Body protection

None required under normal conditions of use. When handling large quantities (e.g., > 1 gallon), wear protective eyeglasses, gloves, boot, and apron per OSHA regulations (29 CFR 1910.133).

Respiratory protection

Safety Data Sheet

EzFlow HD Monomer

No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Viscous liquid
Odour	ester like
Odour threshold	No data available.
pH	No data available.
Melting point / freezing point	No data available.
Initial boiling point and boiling range	117 C (243 F)
Flash point	20 C (68 F)
SAPT (self-accelerating polymerization temperature)	>51 C (>124 F)
Evaporation rate	No data available.
Flammability (solid, gas)	Flammable
Upper/lower flammability limits	No data available.
Vapour pressure	No data available.
Vapour density	1
Relative density	No data available.
Solubilit(ies)	Moderate
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.
Specific Gravity	0.918

SECTION 10: Stability and reactivity

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

Do not store over 120 F

Incompatible materials

Acids, Alkalies, and oxidizing agents

Hazardous decomposition products

If exposed to extremely high temperatures, the products of decomposition may include irritating vapors and carbon oxide gases (e.g. CO₂, CO).

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

Causes skin irritation

Serious eye damage/irritation

Causes serious eye irritation.

Safety Data Sheet

EzFlow HD Monomer

Respiratory or skin sensitization

May cause an allergic skin reaction
May cause respiratory irritation

Carcinogenicity

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH, EPA, NTP or IARC

Reproductive toxicity

No data available.

STOT-single exposure

May cause respiratory irritation

SECTION 12: Ecological information

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

SECTION 13: Disposal considerations

Waste treatment methods

Disposal of the product

Collect all waste in suitable and labeled containers and dispose according to local legislation .

Other disposal recommendations

None known

SECTION 14: Transport information

DOT (US)

UN Number: 2277
Class: 3 (shipped as limited quantity)
Packing Group: II
Proper Shipping Name: Ethyl Methacrylate, Stabilized

IMDG

UN Number: 2277
Class: 3 (shipped as limited quantity)
Packing Group: II
EMS Number:
Proper Shipping Name: Ethyl Methacrylate, Stabilized

IATA

UN ID: ID8000
Class: 9 (shipped as limited quantity)
Packing Instructions: Y963

Safety Data Sheet

EzFlow HD Monomer

Proper Shipping Name: Consumer Commodity

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Massachusetts Right To Know Components

Chemical name: Ethyl methacrylate

CAS number: 97-63-2

New Jersey Right To Know Components

Common name: ETHYL METHACRYLATE

CAS number: 97-63-2

Pennsylvania Right To Know Components

Chemical name: 2-Propenoic acid, 2-methyl-, ethyl ester

CAS number: 97-63-2

Toxic Substances Control Act (TSCA) Inventory

The components of this product are TSCA listed

WHMIS

Not subject to WHMIS classification.

SECTION 16: Other information

Full text of hazard statements referenced in Section 2

H226	Flammable liquid and vapor
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

Further information/disclaimer

This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR § 1910.1200 and GHS. To the best of A.I.I.'s knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.