

SAF30 LOT

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

1.1. Product identifier

Identification of the product : Viscous liquid.
 Trade name : SAF30 LOT

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

Use : Industrial.

1.3. Details of the supplier of the safety data sheet

Company identification : AEC POLYMERS
 Z.I. Eyrialis
 33114 LE BARP FRANCE
 Tél: +33 (0) 5.57.26.15.15

Name and function of the responsible person : Mr Roux - aecpolymers@wanadoo.fr

1.4. Emergency telephone number

Phone nr : ORFILA
 +33 (0)1.45.42.59.59

SECTION 2 Hazards identification

Label elements

Risk Phrases : The product may be a skin sensitiser. It may also be a skin irritant and repeated contact may increase this effect.
 Harmful if swallowed.

Hazards identification **Highly flammable liquid and vapour**
Causes serious eye irritation
Causes skin irritation
May cause an allergic skin reaction
May cause respiratory irritation

Primary route of exposure : Skin and eyes contact.

Symptoms relating to use
 - Ingestion : Must not come into contact with food or be consumed.

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification : F; R11
 Xi; R36/37/38
 R43
 R52-53

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

- Health hazards : Skin irritation - Category 2 - Warning - (CLP : Skin Irrit. 2) - H315
 Eye irritation - Category 2A - Warning - (CLP : Eye Irrit. 2) - H319
 Skin sensitisation - Category 1 - Warning - (CLP : Skin Sens. 1) - H317
 Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation - Category 3 - Warning (CLP : STOT SE 3)
- Physical hazards : Flammable liquids - Category 2 - Danger - (CLP : Flam. Liq. 2) - H225

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s)



SAF30 LOT

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SECTION 2 Hazards identification (continued)

- R Phrase(s)** : Xi : Irritant
 F : Highly flammable
 : R11 : Highly flammable.
 R36/37/38 : Irritating to eyes, respiratory system and skin.
 R43 : May cause sensitization by skin contact.
 R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- S Phrase(s)** : S3 : Keep in a cool place.
 S9 : Keep container in a well-ventilated place.
 S16 : Keep away from sources of ignition - No smoking.
 S24 : Avoid contact with skin.
 S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S33 : Take precautionary measures against static discharges.
 S35 : This material and its container must be disposed of in a safe way.
 S36/37 : Wear suitable protective clothing and gloves.
 S51 : Use only in well-ventilated areas.
 S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

Labelling Regulation EC 1272/2008 (CLP)

• Hazard pictograms



• Hazard pictograms

: SGH02 - SGH07

• Signal words

: Danger

• Hazard statements

: H225 - Highly flammable liquid and vapour
 H319 - Causes serious eye irritation
 H315 - Causes skin irritation
 H317 - May cause an allergic skin reaction
 H335 - May cause respiratory irritation

• Precautionary statements

Prevention

: P240 - Ground/bond container and receiving equipment
 P241 - Use explosion-proof equipment.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P271 - Use only outdoors or in a well-ventilated area
 P233 - Keep container tightly closed
 P264 - Wash ... thoroughly after handling.
 P272 - Contaminated work clothing should not be allowed out of the workplace
 P210 - Keep away from heat, sparks, open flames or hot surfaces. – No smoking.
 P261 - Avoid breathing dust, fume, gas, mist, vapours, spray.

Response

: P304+340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
 P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 P333+313 - If skin irritation or rash occurs: Get medical advice/attention
 P305+P351+P338+P337+P313 - IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists : Get medical advice.

Disposal considerations

: P501 - Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

SAF30 LOT

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SECTION 2 Hazards identification (continued)

Other hazards :

None under normal conditions.

SECTION 3 Composition/information on ingredients

3.1./3.2. Substance / Preparation

Components : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	Ref REACH	Classification
Methyl methacrylate	: Between 35 and 50 %	80-62-6	201-297-1	607-035-00-6	----	F; R11 Xi; R37/38 R43 ----- Flam. Liq. 2;H225 Skin Irrit. 2;H315 STOT SE3;H335 Skin Sens. 1;H317
Oligomère uréthane acrylate	: Between 1 and 10 %	----	----	----	----	Xi; R36/38 ----- Undefined. (GHS)
2-Propenoic acid,2-methyl-,2-hydroxyethyl ester,phosphate	: Between 1 and 5 %	52628-03-2	258-053-2	----	----	C; R34 Xi; R36/37/38-41 R43 ----- Undefined. (GHS)
Reaction product: bisphenol-A- (epichlorhydrin) epoxy resin (number average molecular weight <= 700)	: Between 0.01 and 1 %	25068-38-6	500-033-5	603-074-00-8	----	Xi; R36/38 R43 N; R51-53 ----- Eye Irrit. 2;H319 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Chronic 2;H411
Methacrylic acid	: Between 0.01 and 1 %	79-41-4	201-204-4	607-088-00-5	----	Xn; R21/22 C; R35 ----- Not CLP Acute Tox. 4 (Dermal);H312 Acute Tox. 4 (Oral);H302

SECTION 4 First aid measures

4.1. Description of first aid measures

- **General information** : Take off immediately all contaminated clothing.
- First aid measures**
- Inhalation** : Remove victim to fresh air. Assure fresh air breathing.
If breathing is difficult, give oxygen.
Obtain medical attention.
- Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- Eye contact** : Rinse immediately with plenty of water.
Ensure adequate flushing of eyes by separating eyelids with the fingers. Obtain medical attention if pain, blinking, tears or redness persist.
- Ingestion** : Rinse mouth. Do not induce vomiting. Seek medical attention if ill effect develops.

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

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

SAF30 LOT

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SECTION 5 Firefighting measures**5.1. Extinguishing media****Extinguishing media** : Dry powder. Water. Carbon dioxide (CO₂). Foam.**5.2. Special hazards arising from the substance or mixture****Specific hazards** : May form flammable vapour-air mixture.**Hazardous combustion products** : Toxic gases. (CO_x)**5.3. Advice for firefighters****Flammable class** : This product is flammable.**Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.**Prevention** : Keep away from sources of ignition. No smoking.**Special procedures** : Exercise caution when fighting any chemical fire.**Surrounding fires** : Use water spray or fog for cooling exposed containers.**SECTION 6 Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****For emergency responders** : In case of insufficient ventilation, wear suitable respiratory equipment. Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.
Do not get in eyes, on skin, or on clothing**6.2. Environmental precautions****Environmental precautions** : Spread coarse, inert granular cover such as sand, on any affected walking surface. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.**6.3. Methods and material for containment and cleaning up****Clean up methods** : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.
Incinerate.**6.4. Reference to other sections**

See Heading 8.

SECTION 7 Handling and storage**7.1. Precautions for safe handling****Handling** : Ensure prompt removal from eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.**Technical protective measures** : Use grounded electrical/mechanical equipment.**General** : Keep away from sources of ignition. No smoking.**7.2. Conditions for safe storage, including any incompatibilities****Storage** : Keep container tightly closed and at a temperature not exceeding . 20°C
Keep only in the original container in a cool, well ventilated place. Keep in fireproof place. Store in tightly closed, properly ventilated containers away from heat, sparks, open flame.
Keep away from combustible material.**Precautions in handling and storage** : Good ventilation of the workplace required.**7.3. Specific end use(s)**

SAF30 LOT

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SECTION 7 Handling and storage (continued)

Not applicable.

SECTION 8 Exposure controls/personal protection**8.1. Control parameters**

Methyl methacrylate : VME - France [ppm] : 100
Methyl methacrylate : VME - France [mg/m³] : 410
Methyl methacrylate : VLE - France [ppm] : 200
Methyl methacrylate : VLE - France [mg/m³] : 820
Methyl methacrylate : TLV[©] -STEL [ppm] : 100
Methyl methacrylate : TLV[©] -TWA [ppm] : 50

8.2. Exposure controls

- **Respiratory protection** : In case of insufficient ventilation, wear suitable respiratory equipment.
- **Hand protection** : Gloves.
- **Skin protection** : Wear impervious rubber safety shoes.
Wear suitable protective clothing.
- **Eye protection** : Chemical goggles or safety glasses.
- **Ingestion** : When using, do not eat, drink or smoke.
- Industrial hygiene** : Provide good ventilation in process area to prevent formation of vapour.

SECTION 9 Physical and chemical properties**9.1. Information on basic physical and chemical properties****9.1.a. Appearance**

Physical state at 20 °C : Viscous liquid.
Colour : White.

9.1.b. Odour

Odour : Characteristic.

9.1.d. pH**9.1.f. Initial boiling point - boiling range****9.1.g. Flash point**

Flash point [°C] : 20

9.1.i. Flammability**9.1.k. Vapour pressure****9.1.m. Relative density**

Density : 0.99 - 1.05

9.1.n. Solubility

Solubility in water : insoluble

9.1.o. Partition coefficient : n-octanol / water**9.1.p. Auto-ignition temperature****9.1.q. Thermal decomposition****9.1.r. Viscosity**

Viscosity : 10 000- 20 000

SAF30 LOT

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SECTION 9 Physical and chemical properties (continued)

9.1.s. Explosive Properties

9.1.t. Oxidising properties

9.2. Other information

SECTION 10 Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid : Keep away from ignition sources such as heat, sparks and open flame. – No smoking.
 Keep container tightly closed and at a temperature not exceeding . 20°C Sparks.
 Overheating.
 Protect from sunlight

10.5. Incompatible materials

Materials to avoid : Peroxides.
 Strong oxidizers.
 Strong acids.
 Strong bases.

10.6. Hazardous decomposition products

Hazardous decomposition products : According to process conditions, hazardous decomposition products may be generated.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Toxicity information

- **Acute toxicity** : Rat oral LD50 [mg/kg] 7.872 [MMA-80-62-6]
- **Skin corrosion/irritation** : Rabbit dermal LD50 [mg/kg] >5000 [MMA 80-62-6]
- **Serious eye damage/irritation** : No data available.
- **Respiratory or skin sensitisation** : No data available.
- **Germ cell mutagenicity** : No data available.
- **Carcinogenicity** : No data available.
- **Reproductive toxicity** : No data available.
- **STOT-single exposure** : No data available.
- **STOT-repeated exposure** : No data available.
- **Aspiration hazard** : No data available.

SECTION 12 Ecological information

12.1. Toxicity

Ecological effects information : No data available.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

SAF30 LOT

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SECTION 12 Ecological information (continued)

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13 Disposal considerations

13.1. Waste treatment methods

Dispose in a safe manner in accordance with local/national regulations.

- General** : Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.
- Disposal method** : Dispose of contents and/or container in accordance with local, regional, national and/or international regulation.
 Incineration is recommended

SECTION 14 Transport information

14.1. UN number

1133

Labelling



14.2. UN proper shipping name

: ADHESIVES

14.3. Transport hazard class(es)

3

14.4. Packing group

II

14.5. Environmental hazards

- IMDG-Marine pollution : No.

14.6. Special precautions for user

No data available.

SECTION 15 Regulatory information

Pictograms (Precautionary statements)

Health hazards : Skin irritation - Category 2 - Warning - (CLP : Skin Irrit. 2) - H315
 Eye irritation - Category 2A - Warning - (CLP : Eye Irrit. 2) - H319
 Skin sensitisation - Category 1 - Warning - (CLP : Skin Sens. 1) - H317
 Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation - Category 3 - Warning (CLP : STOT SE 3)

EC Labelling

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

SAF30 LOT

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SECTION 15 Regulatory information (continued)

Physical hazards : Flammable liquids - Category 2 - Danger - (CLP : Flam. Liq. 2) - H225

Ensure all national/local regulations are observed.

15.2. Chemical safety assessment

• **Hazard pictograms**



Signal words : Danger

No data available.

EC Classification : F; R11
 67/548/EC & 1999/45/EC Xi; R36/37/38
 R43
 R52-53

Hazard statements : Highly flammable liquid and vapour
 Causes serious eye irritation
 Causes skin irritation
 May cause an allergic skin reaction
 May cause respiratory irritation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006.

Directive 2006/121/EC of the European Parliament and of the Council of 18 December 2006.

• **Precautionary statements**

Symbol(s) : Xi : Irritant
 F : Highly flammable

R Phrase(s) : R11 : Highly flammable.
 R36/37/38 : Irritating to eyes, respiratory system and skin.
 R43 : May cause sensitization by skin contact.
 R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

• **Prevention** : Ground/bond container and receiving equipment
 Use explosion-proof equipment.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Use only outdoors or in a well-ventilated area
 Keep container tightly closed
 Wash ... thoroughly after handling.
 Contaminated work clothing should not be allowed out of the workplace
 Keep away from heat, sparks, open flames or hot surfaces. – No smoking.
 Avoid breathing dust, fume, gas, mist, vapours, spray.

S Phrase(s) : S3 : Keep in a cool place.
 S9 : Keep container in a well-ventilated place.
 S16 : Keep away from sources of ignition - No smoking.
 S24 : Avoid contact with skin.
 S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S33 : Take precautionary measures against static discharges.
 S35 : This material and its container must be disposed of in a safe way.
 S36/37 : Wear suitable protective clothing and gloves.
 S51 : Use only in well-ventilated areas.
 S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

• **Response** : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
 Rinse skin with water/shower
 If skin irritation or rash occurs: Get medical advice/attention
 IF IN EYES : Rinse cautiously with water for several minutes. Remove contact

SAF30 LOT

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SECTION 15 Regulatory information (continued)

lenses, if present and easy to do. Continue rinsing. If eye irritation persists : Get medical advice.

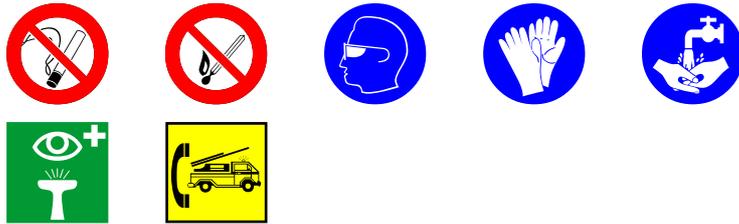
• **Disposal considerations**

: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

CLP classification

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

• **Pictograms (Precautionary statements)**



**Hazard Class and Category Code
 REGULATION (EC) No 1272/2008 (CLP)**

SECTION 16 Other information

List of relevant R phrases (§ 3)

: R11 : Highly flammable.
 R21/22 : Harmful in contact with skin and if swallowed.
 R34 : Causes burns.
 R35 : Causes severe burns.
 R36/37/38 : Irritating to eyes, respiratory system and skin.
 R36/38 : Irritating to eyes and skin.
 R37/38 : Irritating to respiratory system and skin.
 R41 : Risk of serious damage to eyes.
 R43 : May cause sensitization by skin contact.
 R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Revision : 0

Print date : 8 / 1 / 2015

Further information : FOR INDUSTRIAL USE

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

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