

EKITOP - RESIN 8145



SAFETY DATA SHEET

(REACH Regulation (EC) No. 1907/2006 - No. 2020/878)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1 Product identifier

Product name: EKITOP
 Product code: RESIN 8145
 UFI: YQ40-20VQ-K00A-JFU0

1 Relevant identified uses of the substance or mixture and uses advised against Adhesive

1 Details of the supplier of the safety data sheet

Company name: JACRET S.A..
 Address: 2, chemin des glirettes.95500.LE THILLAY.FRANCE.
 Phone: 01 34 38 80 40. Fax: .
 service.clients@jacret.com
 http://www.aderis.fr

1 Emergency phone number: +33 (0)1 45 42 59 59.

Company/Organization: INRS / ORFILA http://www.centres-antipoison.net.

SECTION 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

In accordance with Regulation (EC) No. 1272/2008 and its amendments.

Flammable liquid, Category 2 (Flam. Liq. 2, H225).
 Skin irritation, Category 2 (Skin Irrit. 2, H315).
 Serious eye damage, Category 1 (Eye Dam. 1, H318).
 Skin sensitization, Category 1 (Skin Sens. 1, H317).
 Specific target organ toxicity (single exposure), Category 3 (STOT SE 3, H335).
 Hazardous to the aquatic environment, chronic, Category 3 (Aquatic Chronic 3, H412).

2.2. Label elements

In accordance with Regulation (EC) No. 1272/2008 and its amendments.

Hazard pictograms:



GHS02



GHS05



GHS07

Signal word:

DANGER

Product identifier:

607-035-00-6 METHYL METHACRYLATE
 EC 201-204-4 METHACRYLIC ACID
 EC 258-053-2 2-HYDROXYETHYL METHACRYLATE PHOSPHATE ESTER

Hazard statements and supplemental hazard information:

H225 Highly flammable liquid and vapor.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H335 May cause respiratory irritation.
 H412 Harmful to aquatic life with long-lasting effects.

Precautionary statements – Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
 P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
 P264 Wash hands and skin thoroughly after handling.

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P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...
Precautionary statements - Response:	
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304 + P340	IF INHALED: Move the person to fresh air and keep them in a position 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.
P310	Immediately call a POISON CENTER/doctor/...
P312	Call a POISON CENTER/doctor/... if you feel unwell.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
Precautionary statements - Storage:	
P403 + P235	Store in a well-ventilated place. Keep cool.
Precautionary statements - Disposal:	
P501	Dispose of contents/container at an approved disposal facility in accordance with local regulations

2.3. Other hazards

The mixture contains no "Substances of Very High Concern" (SVHC) at $\geq 0.1\%$ as published by the European Chemicals Agency (ECHA) under Article 59 of REACH: <http://echa.europa.eu/fr/candidate-list-table>. See Section 3 to identify the relevant substances.

The mixture does not meet the criteria for PBT or vPvB mixtures, in accordance with Annex XIII of REACH Regulation (EC) No. 1907/2006.

The mixture contains no substances at $\geq 0.1\%$ with endocrine-disrupting properties, based on the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures****Composition:**

Identification	Classification (EC) 1272/2008	Note	%
INDEX: 607-035-00-6 CAS: 80-62-6 EC: 201-297-1 REACH: 01-2119452498-28-0000 METHYL METHACRYLATE	GHS02, GHS07 Danger Flam. Liq. 2, H225 STOT SE 3, H335 Skin Irrit. 2, H315 Skin Sens. 1, H317	D [i]	$25 \leq x \% < 50$
CAS: 79-41-4 EC: 201-204-4 METHACRYLIC ACID	GHS06, GHS05 Danger Acute Tox. 4, H302 Acute Tox. 3, H311 Skin Corr. 1A, H314 Acute Tox. 4, H332 STOT SE 3, H335	D [i]	$2.5 \leq x \% < 10$
CAS: 52628-03-2 EC: 258-053-2 2-HYDROXYETHYL METHACRYLATE PHOSPHATE ESTER	GHS05 Danger Skin Irrit. 2, H315 Eye Dam. 1, H318		$2.5 \leq x \% < 10$
CAS: 3077-12-1 EC: 221-359-1 2,2'-[(4-METHYLPHENYL)IMINO]BISETHANOL	GHS07 Wng Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319		$0 \leq x \% < 2.5$
INDEX: 613-054-00-0 CAS: 148-79-8 EC: 205-725-8 THIABENDAZOLE (ISO)	GHS09 Wng Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		$0 \leq x \% < 2.5$

EKITOP - RESIN 8145**Specific concentration limits and acute toxicity estimate**

Identification	Specific concentration limits	ATE
CAS: 3077-12-1 EC: 221-359-1 2,2'-[(4-METHYLPHENYL)IMINO]BISETHA NOL		Oral: ATE = 300 mg/kg BW

Component information:

(Full text of H statements: see Section 16)

[i] Substance with workplace exposure limit values.

SECTION 4: FIRST AID MEASURES

As a general rule, if in doubt or if symptoms persist, always seek medical advice.

NEVER give anything by mouth to an unconscious person.

4.1. Description of first-aid measures**If inhaled:**

If inhaled in large amounts, move the person to fresh air and keep them warm and at rest.

If the person is unconscious, place them in the recovery position. In all cases, contact a physician to determine whether medical monitoring and symptomatic treatment in a hospital setting are needed.

If breathing is irregular or has stopped, begin artificial respiration and call a physician.

If in contact with eyes:

Rinse thoroughly with clean, fresh water for 15 minutes, holding the eyelids open.

Regardless of the initial condition, always refer the person to an ophthalmologist and show the label.

If in contact with skin:

Remove contaminated clothing and wash the skin thoroughly with soap and water, or use a known skin cleanser.

Watch for product that may remain trapped between the skin and clothing, a watch, shoes, etc.

If an allergic reaction occurs, consult a physician.

If the contaminated area is extensive and/or skin lesions appear, consult a physician or arrange transfer to a hospital.

If swallowed:

Do not give anything by mouth.

If swallowed and the amount is small (no more than one mouthful), rinse the mouth with water and consult a physician.

Call a physician immediately and show the label.

4 Main symptoms and effects, both acute and delayed

No data available.

4 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable.

Dry chemical powder, carbon dioxide, and other extinguishing gases are suitable for small fires.

5.1. Extinguishing media

Cool containers near the flames to reduce the risk of pressure vessels bursting.

Suitable extinguishing media

Prevent fire-fighting runoff from entering sewers or waterways.

5.2. Specific hazards arising from the substance or mixture

A fire will often produce thick black smoke. Exposure to decomposition products may pose health hazards. Do not breathe the fumes.

In case of fire, the following may form:

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

Responders must wear self-contained, insulating respiratory protective equipment.

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SECTION 6: MEASURES TO TAKE IN CASE OF ACCIDENTAL RELEASE

6.1. Personal precautions, protective equipment, and emergency procedures

Refer to the protective measures listed in Sections 7 and 8.

For non-emergency personnel

Avoid breathing vapors.

Avoid all contact with skin and eyes.

If large amounts are spilled, evacuate personnel and allow only trained operators wearing protective equipment to respond.

For emergency responders

Responders must wear appropriate personal protective equipment (see Section 8).

6.2. Environmental precautions

Contain and collect leaks using non-combustible absorbent materials, such as sand, soil, vermiculite, or diatomaceous earth, and place in drums for waste disposal.

Prevent entry into sewers or waterways.

If the product contaminates groundwater, rivers, or sewers, notify the appropriate authorities in accordance with regulatory procedures.

Place recovered waste in drums for disposal in accordance with applicable regulations (see Section 13).

6.3. Methods and materials for containment and cleanup

Clean preferably with a detergent; avoid using solvents.

6.4. Reference to other sections

No data available.

SECTION 7: HANDLING AND STORAGE

Storage-area requirements also apply to workshops where this mixture is handled.

Individuals with a history of skin sensitization must not handle this mixture under any circumstances.

7.1. Precautions for safe handling

Wash hands after each use.

Remove and wash contaminated clothing before reuse.

Remove contaminated clothing and protective equipment before entering eating areas.

Provide safety showers and eyewash stations in workshops where the mixture is handled on a routine basis.

Fire prevention:

Handle in well-ventilated areas.

Prevent the formation of flammable or explosive concentrations in air, and avoid vapor levels above occupational exposure limits.

Prevent electrostatic charge buildup by grounding equipment.

The mixture may build up static electricity: always ground during transfers. Wear antistatic shoes and clothing, and use floors made of non-conductive material.

Use the mixture only in areas free of open flames and other ignition sources, and with protected electrical equipment.

Keep containers tightly closed and away from heat, sparks, and open flames.

Do not use tools that could create sparks. No smoking.

Keep unauthorized persons out.

Recommended equipment and procedures:

For personal protective equipment, see Section 8.

Follow the precautions on the label and comply with workplace safety regulations.

Avoid breathing in vapors.

Avoid breathing in vapors. Where feasible, carry out industrial operations in a closed system.

Provide local exhaust at the emission source, along with general ventilation for the area.

Also provide respiratory protection for certain short-duration, exceptional tasks, or for emergency response.

In all cases, capture emissions at the source.

Strictly avoid contact of the mixture with eyes.

Prohibited equipment and procedures:

Smoking, eating, and drinking are prohibited in areas where the mixture is used.

Never open containers by applying pressure.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

EKITOP - RESIN 8145**- Hand protection**

Use suitable chemical-resistant protective gloves that comply with EN ISO 374-1.

Select gloves based on the task and the expected wear time at the workstation.

Choose protective gloves according to the job conditions: other chemicals that may be handled, required physical protection (cuts, punctures, thermal protection), and the level of dexterity needed.

- Body protection

Avoid skin contact.

Wear appropriate protective clothing.

Suitable protective clothing type:

If heavy splashing is possible, wear liquid-tight chemical protective clothing (Type 3) compliant with NF EN14605/A1 to prevent any skin contact.

If there is a risk of splashes, wear chemical protective clothing (Type 6) compliant with NF EN13034/A1 to prevent any skin contact.

Personnel must wear work clothing that is washed regularly.

After contact with the product, wash all contaminated areas of the body.

- Respiratory protection

Avoid breathing in vapors.

If ventilation is inadequate, wear appropriate respiratory protection.

When workers are exposed to concentrations above exposure limits, they must wear suitable, approved respiratory protective equipment.

Gas and vapor filter(s) (combined filters) compliant with NF EN14387/A1:

- A1 (Brown)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties****Physical state**

Physical state: Viscous liquid.

Color

Not specified

Odor

Odor threshold: Not specified.

Melting point

Melting point/range: Not specified.

Freezing point

Freezing point/range: Not specified.

Boiling point or initial boiling point and boiling range

Boiling point/range: > 35°C

Flammability

Flammable.

Lower and upper explosion limits

Explosion hazards, lower explosive limit (%): Not specified.

Explosion hazards, upper explosive limit (%): Not specified.

Flash point

Flash point: 10.00 °C.

Auto-ignition temperature

Auto-ignition point/range: Not specified.

Decomposition temperature

Decomposition point/range: Not specified.

pH**pH:**

Not applicable.

pH in aqueous solution: Not specified.

Kinematic viscosity

Viscosity: 300,000 to 600,000 mPa·s

Solubility

Water solubility: Insoluble.

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Lipid solubility:	Not specified.
n-octanol/water partition coefficient (log value) n-octanol/water partition coefficient: Not specified.	
Vapor pressure Vapor pressure (50°C):	Less than 110 kPa (1.10 bar).
Density and/or relative density Density:	1.15 to 1.17
Relative vapor density Vapor density:	Not specified.
Particle characteristics The mixture contains no nanoforms.	
9.2. Other information No data available.	
9 Information on physical hazard classes No data available.	
9 Other safety-related characteristics No data available.	

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the handling and storage conditions recommended in Section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Any device that could produce a flame or heat a metal surface to high temperatures (burners, electric arcs, furnaces, etc.) must be prohibited on the premises.

Avoid:

- buildup of electrostatic charges
- overheating
- heat
- flames and hot surfaces

1 Incompatible materials

No data available.

1 Hazardous decomposition products

Thermal decomposition may release/form:

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

11.1.1. Substances

a) Acute toxicity: 2,2'-[(4-METHYLPHENYL)IMINO]BIETHANOL (CAS: 3077-12-1)

Oral route: LD₅₀ = 300 mg/kg body weight Species: Rat

b) Skin corrosion/skin irritation:

No data available.

c) Serious eye damage/eye irritation: No data available.

d) Respiratory or skin sensitization: No data available. - Made under license from European Label System® MSDS software by InfoDyne - <http://www.infodyne.fr> -

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e) Germ cell mutagenicity:

No data available.

f) Carcinogenicity:

No data available.

g) Reproductive toxicity:

No data available.

h) Specific target organ toxicity (STOT) - single exposure: No data available.

i) Specific target organ toxicity (STOT) - repeated exposure: No data available.

j) Aspiration hazard:

No data available.

1 Mixture

1 Hazard class information

a) Acute toxicity:

Oral route: No data available.

Dermal route: No data available.

Inhalation (dust/mist): No data available.

b) Skin corrosion/skin irritation: May cause reversible skin damage—such as skin inflammation or the development of redness, scabbing, or swelling—following exposure of up to four hours.

c) Serious eye damage/eye irritation: May cause irreversible effects on the eyes, such as injury to eye tissues or severe vision impairment that is not fully reversible within a 21-day observation period. Serious eye damage is characterized by corneal destruction, persistent corneal opacity, and inflammation of the iris (iritis).

d) Respiratory or skin sensitization: May cause an allergic reaction through skin contact.

e) Germ cell mutagenicity: No data available.

f) Carcinogenicity:

No data available.

g) Reproductive toxicity:

No data available.

h) Specific target organ toxicity (STOT) – single exposure:

Irritating effects may impair normal respiratory function and may be accompanied by symptoms such as coughing, choking, and difficulty breathing.

i) Specific target organ toxicity (STOT) - repeated exposure: No data available.

j) Aspiration hazard:

No data available.

11.1.2.2 Additional information

IARC (International Agency for Research on Cancer) monograph(s):

CAS 7631-86-9: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans.

CAS 13983-17-0: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans.

CAS 80-62-6: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans.

Substance(s) described in an INRS (National Research and Safety Institute) toxicology data sheet:

- Methyl methacrylate (CAS 80-62-6): See toxicology data sheet No. 62.

1 Information on other hazards

Endocrine-disrupting properties

The mixture does not contain any substance assessed as an endocrine disruptor with respect to effects on human health.

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SECTION 12: ECOLOGICAL INFORMATION

Harmful to aquatic life, with long-lasting effects.

Avoid any release of the product into sewers or waterways.

12.1. Toxicity

12.1.2. Mixtures

No aquatic toxicity information is available for the mixture.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulation potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of the PBT and vPvB assessments

No data available.

12.6. Endocrine-disrupting properties

The mixture contains no substances assessed as endocrine disruptors with respect to environmental effects.

1 Other adverse effects

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Appropriate waste management for the mixture and/or its container must be determined in accordance with the provisions of Directive 2008/98/EC.

13.1. Waste treatment methods

Do not discharge into sewers or waterways.

Waste:

Waste must be managed without endangering human health or harming the environment, particularly without creating risks to water, air, soil, fauna, or flora.

Recycle or dispose of in accordance with applicable regulations, through a licensed collector or approved company.

Do not contaminate soil or water with waste, and do not dispose of it into the environment.

Contaminated packaging:

Empty the container completely. Keep the label on the container.

Hand over to an approved waste disposal contractor.

SECTION 14: TRANSPORT INFORMATION

Ship the product in accordance with ADR for road transport, RID for rail transport, IMDG for sea transport, and ICAO/IATA for air transport (ADR 2025 - IMDG 2024 [42-24] - ICAO/IATA 2026 [67]).

1 UN number or identification number 1133

1 UN proper shipping name

UN1133=ADHESIVES containing a flammable liquid

14.3. Transport hazard class(es)

- Classification:



3

14.4. Packing group

II

14.5. Environmental hazards

-

EKITOP - RESIN 8145**14.6. Special precautions to be taken by the user**

ADR/RID	Class	Code	Packaging group	Label	ID No.	LQ	Special provisions	EQ	Category	Tunnel
	3	F1	II	3	33	5L	640D	E2	2	D/E

IMDG	Class	2nd label	Packaging group	LQ	Flash point	Special provisions	EQ	Stowage and handling	Segregation
	3	-	II	5L	F-E, S-D	-	E2	Category B	-

IATA	Class	2nd Label	Packaging group	Passenger	Passenger	Cargo	Cargo	Note	EQ
	3	-	II	353	5L	364	60 L	A3	E2
	3	-	II	Y341	1 L	-	-	A3	E2

For limited quantities of dangerous goods, see ADR and IMDG Chapter 3.4, and IATA Part 2.7.

For excepted quantities of dangerous goods, see ADR and IMDG Chapter 3.5, and IATA Part 2.6.

14.7. Transport in bulk by sea in accordance with IMO instruments

No data available.

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health, and environmental regulations/legislation specific to the substance or mixture****Information on classification and labeling is provided in Section 2:**

The following regulations were taken into account:

- Regulation (EC) No. 1272/2008, as amended by Regulation (EU) No. 2023/707
- Regulation (EC) No. 1272/2008, as amended by Regulation (EU) No. 2025/1222 (ATP 23)

Packaging information:

No data available.

Special provisions:

No data available.

Restrictions under Title VIII of the REACH Regulation (EC) No. 1907/2006:

The mixture contains no substances subject to restriction under Annex XVII of the REACH Regulation (EC) No. 1907/2006:
<https://echa.europa.eu/substances-restricted-under-reach>.

Authorizations under Title VII of the REACH Regulation (EC) No. 1907/2006:

The mixture contains no substances subject to authorization under Annex XIV of the REACH Regulation (EC) No. 1907/2006:
<https://echa.europa.eu/fr/authorisation-list>.

Ozone-depleting substances (Regulation (EC) No. 2024/590).

The mixture contains no substances that pose a hazard to the ozone layer.

Persistent organic pollutants (POPs) (Regulation (EU) 2019/1021):

The mixture contains no persistent organic pollutants.

PIC Regulation (EU) No. 649/2012 on the export and import of hazardous chemicals (Rotterdam Convention):

The mixture is not subject to the Prior Informed Consent (PIC) procedure.

Explosives precursors:

The mixture contains no substances covered by Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

Occupational disease tables under the French Labor Code:

ODT No. Description

82 Conditions caused by methyl methacrylate.

Classified facilities classification (Version 56, July 2025, incorporating the provisions of Directive 2012/18/EU, known as Seveso III):

ICPE No.	Section description	Regime	Radius
4331	Flammable liquids, Category 2 or Category 3, excluding section 4330. The total quantity likely to be present at the facilities, including in underground cavities, is:		
	1. Greater than or equal to 1,000 t	A E	2
	2. Greater than or equal to 100 t but less than 1,000 t	DC	
	3. Greater than or equal to 50 t but less than 100 t Low-tier threshold within the meaning of Article R. 511-10: 5,000 t. High-tier threshold within the meaning of Article R. 511-10: 50,000 t.		

Regime = A: authorization; E: registration; D: declaration; S: public-utility easement; C: subject to the periodic inspection required under Article L. 512-11 of the Environmental Code.

Radius = posting radius in kilometers.

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15.2. Chemical safety assessment

No data available.

SECTION 16: OTHER INFORMATION

Wording of the statements referenced in Section 3:

H225	Highly flammable liquid and vapor.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and serious eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life, with long-lasting effects.

Abbreviations and acronyms:

LD50: The dose of a test substance that results in 50% mortality over a specified period.

LQ: Limited quantity

EQ: Excepted quantity

EmS: Emergency schedule

E: Packing instruction

REACH: Registration, Evaluation, Authorization and Restriction of Chemicals.

ATE: Acute Toxicity Estimate

BW: Body weight

DNEL: Derived no-effect level.

PNEC: Predicted no-effect concentration.

UFI: Unique formula identifier.

STEL: Short-term exposure limit

TWA: Time-Weighted Average

TMP: Occupational Disease Tables (France)

VLE: Exposure Limit Value.

VME: Average Exposure Value.

VLRI: Indicative regulatory limit values

VLRC: Binding regulatory limit values

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

GHS02: Flame.

GHS05: Corrosion.

GHS07: Exclamation mark.

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods Code

ICAO: International Civil Aviation Organization.

PBT: Persistent, bioaccumulative, and toxic.

PIC: Prior Informed Consent

POP: Persistent Organic Pollutant.

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

SVHC: Substance of Very High Concern

WGK: Water hazard class

The information in this Safety Data Sheet is based on our current knowledge as of the publication date and is provided in good faith. It does not constitute a warranty of any specific product properties, nor does it create any contractual relationship. The user remains solely responsible for ensuring the product is used safely and in compliance with applicable regulations.
