

1 Identification

- **Product identifier**
- **Trade name: Mipa 2K-Acrylfiller EL**
- **Application of the substance / the mixture Filler**
- **Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

MIPA SE
 Am Oberen Moos 1
 D-84051 Essenbach
 Tel.: +49(0)8703-922-0
 Fax.: +49(0)8703-922-100
 e-mail: sdb-registratur@mipa-paints.com
 www.mipa-paints.com

Fleetwood Products Inc.
 13 American Way Suite 15
 USA - NJ 08884 Spotswood
 Tel.: +1 7324169590
 e.mail: fleet089@hotmail.com

- **Emergency telephone number:**

011 49(0)700 24112112 (MIP)
 US Emergency Telephone Number (for transportation incidents only): 1-800-535-5053 (Infotrac)

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS08 Health hazard

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS02 GHS07 GHS08

- **Signal word Warning**

- **Hazard-determining components of labeling:**

Xylene
 ethylbenzene

- **Hazard statements**

H226 Flammable liquid and vapor.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H373 May cause damage to organs through prolonged or repeated exposure.

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· **Precautionary statements**

- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P260 Do not breathe dust/fume/gas/mist/vapors/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P403+P235 Store in a well-ventilated place. Keep cool.

· **Classification system:**· **NFPA ratings (scale 0 - 4)**· **HMS-ratings (scale 0 - 4)**

HEALTH	2	Health = 2
FIRE	3	Fire = 3
REACTIVITY	0	Reactivity = 0

· **Other hazards**· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

1330-20-7	Xylene	≥10-≤20%
123-86-4	n-Butyl acetate	5-<10%
100-41-4	ethylbenzene	2.5-<10%
64742-95-6	Hydrocarbons, C9, aromatics	1-<2.5%

4 First-aid measures

· **Description of first aid measures**

· **General information:** Immediately remove any clothing soiled by the product.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Generally the product does not irritate the skin.

Immediately rinse with water.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** If symptoms persist consult doctor.

· **Information for doctor:**· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

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5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.
- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Mount respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

· PAC-1:

1330-20-7	Xylene	130 ppm
123-86-4	n-Butyl acetate	5 ppm
13463-67-7	Titanium dioxide	30 mg/m ³
100-41-4	ethylbenzene	33 ppm
1333-86-4	Carbon black	9 mg/m ³
1317-61-9	Triiron tetraoxide	21 mg/m ³
14808-60-7	Quartz (SiO ₂)	0.075 mg/m ³
77-58-7	dibutyltin dilaurate	1.1 mg/m ³
14808-60-7	Quartz (SiO ₂)	0.075 mg/m ³
868-77-9	2-Hydroxyethyl methacrylate	1.9 mg/m ³

· PAC-2:

1330-20-7	Xylene	920* ppm
123-86-4	n-Butyl acetate	200 ppm
13463-67-7	Titanium dioxide	330 mg/m ³
100-41-4	ethylbenzene	1100* ppm
1333-86-4	Carbon black	99 mg/m ³
1317-61-9	Triiron tetraoxide	230 mg/m ³
14808-60-7	Quartz (SiO ₂)	33 mg/m ³
77-58-7	dibutyltin dilaurate	8 mg/m ³
14808-60-7	Quartz (SiO ₂)	33 mg/m ³
868-77-9	2-Hydroxyethyl methacrylate	21 mg/m ³

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· PAC-3:		
1330-20-7	Xylene	2500* ppm
123-86-4	n-Butyl acetate	3000* ppm
13463-67-7	Titanium dioxide	2,000 mg/m ³
100-41-4	ethylbenzene	1800* ppm
1333-86-4	Carbon black	590 mg/m ³
1317-61-9	Triiron tetraoxide	1,400 mg/m ³
14808-60-7	Quartz (SiO ₂)	200 mg/m ³
77-58-7	dibutyltin dilaurate	48 mg/m ³
14808-60-7	Quartz (SiO ₂)	200 mg/m ³
868-77-9	2-Hydroxyethyl methacrylate	1,000 mg/m ³

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Storage class:** 3
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the remaining constituent has no known exposure limits.

1330-20-7 Xylene	
PEL	Long-term value: 435 mg/m ³ , 100 ppm
REL	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI
123-86-4 n-Butyl acetate	
PEL	Long-term value: 710 mg/m ³ , 150 ppm

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REL Short-term value: 950 mg/m³, 200 ppm
Long-term value: 710 mg/m³, 150 ppm

TLV Short-term value: 712 mg/m³, 150 ppm
Long-term value: 238 mg/m³, 50 ppm

100-41-4 ethylbenzene

PEL Long-term value: 435 mg/m³, 100 ppm

REL Short-term value: 545 mg/m³, 125 ppm
Long-term value: 435 mg/m³, 100 ppm

TLV Long-term value: 87 mg/m³, 20 ppm
BEI

Ingredients with biological limit values:**1330-20-7 Xylene**

BEI 1.5 g/g creatinine
Medium: urine
Time: end of shift
Parameter: Methylhippuric acids

100-41-4 ethylbenzene

BEI 0.7 g/g creatinine
Medium: urine
Time: end of shift at end of workweek
Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)

-

Medium: end-exhaled air

Time: not critical

Parameter: Ethyl benzene (semi-quantitative)

· **Additional information:** The lists that were valid during the creation were used as basis.

Exposure controls**Personal protective equipment:****General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several

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substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Breakthrough time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Fluid
Color: According to product specification

- **Odor:** Characteristic

- **Odor threshold:** Not determined.

- **pH-value:** Not determined.

- **Change in condition**

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 124-128 °C (255.2-262.4 °F)

- **Flash point:** 24 °C (75.2 °F) (DIN EN ISO 1523:2002)

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** >350 °C (>662 °F) (DIN 51794)

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

- **Explosion limits:**

Lower: 1.1 Vol %
Upper: 7 Vol %

- **Vapor pressure at 20 °C (68 °F):** <15 hPa (<11.3 mm Hg)

- **Density at 20 °C (68 °F):** 1.488 g/cm³ (12.417 lbs/gal) (DIN EN ISO 2811-1)

- **Relative density** Not determined.

- **Vapor density** Not determined.

- **Evaporation rate** Not determined.

- **Solubility in / Miscibility with**

Water: Not miscible or difficult to mix.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**

Dynamic: Not determined.
Kinematic at 20 °C (68 °F): 70-80 s (DIN 53211/4)

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· Solvent content:	
VOC content:	28.73 % 427 g/l / 3.6 lb/gal
Solids content (weight-%):	71.3 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** Carbon monoxide

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

1330-20-7 Xylene

Oral	LD50	5,251 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	29 mg/l (rat)

64742-95-6 Hydrocarbons, C9, aromatics

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

1330-20-7	Xylene	3
14807-96-6	Talc	3
13463-67-7	Titanium dioxide	2B
100-41-4	ethylbenzene	2B
1333-86-4	Carbon black	2B

- **NTP (National Toxicology Program)**

14808-60-7	Quartz (SiO ₂)	K
14808-60-7	Quartz (SiO ₂)	K

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· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.


12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:**
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

14 Transport information

- **UN-Number**
- **DOT, ADR, IMDG, IATA** UN1263
- **UN proper shipping name**
- **DOT** Paint
- **ADR** UN1263 PAINT
- **IMDG, IATA** PAINT
- **Transport hazard class(es)**
- **DOT**
- 
- **Class** 3 Flammable liquids

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· Label 3

· ADR



· Class 3 (F1) Flammable liquids

· Label 3

· IMDG, IATA



· Class 3 Flammable liquids

· Label 3

· Packing group

· DOT, ADR, IMDG, IATA III

· Environmental hazards: Not applicable.

· Special precautions for user Warning: Flammable liquids

· Hazard identification number (Kemler code): 30

· EMS Number: F-E, S-E

· Stowage Category A

· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

· Transport/Additional information:

· ADR

· Limited quantities (LQ) 5L

· Remarks: ≤ 450 l: 2.2.3.1.5 ADR

· IMDG

· Limited quantities (LQ) 5L

· Remarks: ≤ 30 l: 2.2.3.5 IMDG-Code

· UN "Model Regulation": UN 1263 PAINT, 3, III

15 Regulatory information

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

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):

1330-20-7 Xylene

100-41-4 ethylbenzene

· Hazardous Air Pollutants

1330-20-7 Xylene

100-41-4 ethylbenzene

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Trade name: Mipa 2K-Acrylfiller EL

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· **Proposition 65**· **Chemicals known to cause cancer:**

13463-67-7	Titanium dioxide
100-41-4	ethylbenzene
1333-86-4	Carbon black
14808-60-7	Quartz (SiO ₂)
14808-60-7	Quartz (SiO ₂)

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogeny categories**· **EPA (Environmental Protection Agency)**

1330-20-7	Xylene	I
100-41-4	ethylbenzene	D

· **TLV (Threshold Limit Value established by ACGIH)**

1330-20-7	Xylene	A4	≥10-≤20%
14807-96-6	Talc	A4	10-25%
13463-67-7	Titanium dioxide	A4	2.5- $<$ 10%
100-41-4	ethylbenzene	A3	2.5- $<$ 10%
1333-86-4	Carbon black	A4	$<$ 1%
14808-60-7	Quartz (SiO ₂)	A2	$<$ 0.1%
77-58-7	dibutyltin dilaurate	A4	$<$ 0.1%
14808-60-7	Quartz (SiO ₂)	A2	$<$ 0.1%

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

13463-67-7	Titanium dioxide
1333-86-4	Carbon black
14808-60-7	Quartz (SiO ₂)
14808-60-7	Quartz (SiO ₂)

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**

GHS02 GHS07 GHS08

· **Signal word** Warning· **Hazard-determining components of labeling:**Xylene
ethylbenzene· **Hazard statements**H226 Flammable liquid and vapor.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

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Trade name: Mipa 2K-Acrylfiller EL

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H373 May cause damage to organs through prolonged or repeated exposure.

· **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403+P235 Store in a well-ventilated place. Keep cool.

· **National regulations:**

· **Additional classification according to Decree on Hazardous Materials:**

Class	Share in %
NK	25-50

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Contact:**

· **Date of preparation / last revision** 06/24/2021 / 1

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

BEI: Biological Exposure Limit

Flam. Liq. 3: Flammable liquids – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

· *** Data compared to the previous version altered.**