

SAFETY DATA SHEET

According to regulation according to Regulation (EC) No. 1907/2006



SOUPLETHANE UR5 – POLYOL

Version 5.0 Revision date (english version):
09.12.2020 (cancels and replaces the SDS of 02.09.2020)

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

1.1 Product identifier

Trade name : SOUPLETHANE UR5 - POLYOL
Index No : Not applied
CE No : Not applied
CAS No : Not applied
REACH Registration No : The product is a mixture, no need to be REACH registered.
Product description :
Composition: mixture
Origin: organic, polyol

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

Use of the substance/mixture : Component of a Polyurethane System.
Professional use only.

1.3 Details of the supplier of the safety data sheet

Company : KEMICA COATINGS
Address : Z.A. DU BOIS GUESLIN
28630 MIGNIERES
FRANCE
Telephone : +33 (0)2 37 26 39 87
+33 (0)2 37 26 33 56
E-mail address of the person responsible for SDS : info@kemica-coatings.com

1.4 Emergency telephone number

France : ORFILA
Telephone : +33 (0)1 45 42 59 59

Supplier

Tel : +33 2 37 26 33 56 (CET : 8h30am – 12h, 13h30 – 17h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Composition : mixture

Classification (REGULATION (EC) No 1272/2008)

The product is not classified as dangerous within the meaning of European Ordinance No. 1272/2008 [CLP].

2.2 Label elements

The product is not classified as dangerous within the meaning of European Ordinance No. 1272/2008 [CLP].

2.3 Other hazards

No Information.

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

SAFETY DATA SHEET

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SOUPLETHANE UR5 – POLYOL

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This mixture does not contain any substance presenting a danger to health or the environment according to Directive 67/548 / EEC relating to dangerous substances or to Regulation (EC) No. 1272/2008, to which an exposure limit for workers is assigned, classified as PBT / vPvB or included in the list of candidates.

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice:

In the event of an accident or if you feel unwell, seek medical advice immediately (if possible, show him label and / or SDS).

In case of inhalation

Move victim to fresh air. Keep at rest. Seek medical attention if respiratory tract irritation occurs.

In case of contact with the skin

Remove soiled clothing. Wash immediately with water (soapy if possible) for 15min. In the event of skin reactions, consult a doctor.

In case of eye contact

Immediately wash with water for 15 min, low pressure, large volume including abundantly under the eyelids. Remove contact lenses. In case of eye irritation, consult an ophthalmologist.

In case of ingestion

Do not induce vomiting. Leave on an empty stomach. Rinse the mouth. If symptoms appear or if of doubt, consult a doctor.

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

No information available.

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

No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Foam
Carbon dioxide (CO₂)
Dry powder
In case of important fire, a water-jet can also be used (fog).

Unsuitable extinguishing media : Not available

5.2 Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe gases or decomposition smokes. Heated to temperatures above 200°C, the product can decompose with emission of toxic fumes of nitrogen oxide or hydrogen chloride among others.

5.3 Advice for firefighters

Compulsory use of a self-contained respirator and a combination of protection. Do not allow extinguishing contaminated water to enter in soil, surface water or groundwater.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure sufficient ventilation. Keep away people that are not involved. Avoid contact with skin and eyes.

6.2 Environmental precautions

Do NOT discharge in sewers. Do not allow this chemical to enter the environment.
Do not contaminate surface water.

SAFETY DATA SHEET

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SOUPLETHANE UR5 – POLYOL

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Contain spilled material by damming or using absorbent materials to prevent flow in sewers or waterflows. The evacuation of the contaminated soil may be necessary. Do not discharge in sewers or in the environment, dispose of this product in an accredited center of the waste collection.

6.3 Methods and material for containment and cleaning up

Contain the leak or spill if it can be done safely. Clean small spreads with a pump or vacuum and then finish with a dry chemical absorbent.

6.3 Reference to other sections

See section 8 and 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

The personal protection measures in section 8 should be observed. Avoid contact with skin and eyes. Wash hands at every break / stoppage of work. Store work clothes separately.

Immediately change soiled or wet clothing. Advice on safe handling: Do not expose to contact with strong oxidants. Advice on protection against fire and explosion: Keep away from sources of heat (e.g. hot surfaces), sparks and direct flames

7.2 Conditions for safe storage, including any incompatibilities

Store under an inert gas. Store tightly closed containers in a cool, well-ventilated place, protected from moisture.

7.3 Specific end use(s)

Not applicable.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

No data available for this product (mixture). The product does not contain any significant quantity of substances with threshold values at monitor by workstation.

Risk present only for spray application: Binding limit values in the air of work rooms have been established for silica and titanium dioxide (inhalable dust). Compliance with these regulatory limit values is checked by an accredited body.

Occupational Exposure Limits		Country: France / 8 hours
Substance	ELV (ppm)	ELV (mg/m ³)
Quartz (crystalline silica)	-	0.1
Titanium dioxide	-	10

8.2 Exposure controls

Respiratory protection

Respirator approved for supply of air when exposed to vapors emanating from heated materials. In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection

Materials suitable for protective gloves; EN 374:

glove made of multilayer material - PE / EVAL / PE; breaking time > = 480 min.

Recommendation: Remove contaminated gloves.

Eye protection

Wear eye / face protection (splash goggles or face shield / safety glasses).

Skin and body protection

Wear appropriate protective clothing such as polyethylene Tyvek or equivalent for protection against splashing.

SECTION 9: Physical and chemical properties

9.1 Information on essential physical and chemical properties

SAFETY DATA SHEET

According to regulation according to Regulation (EC) No. 1907/2006



SOUPLETHANE UR5 – POLYOL

Version 5.0 Revision date (english version):
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Form:	liquid
Colour:	cream
Odour:	No odour
Odour threshold:	NA
pH:	NA
Melting point (°C):	NA
Boiling point (°C):	NA
Flash point:	>200°C
Evaporation rate:	NA
Flammability:	NA
Explosibility limit:	NA
Vapour pressure:	NA
Vapour density:	NA
Relative density:	~1,3 g/cm ³ at 20 °C
Solubility in water:	Not soluble at 15 °C
Surface tension:	NA
Auto-ignition temperature:	NA
Ignition temperature:	NA
Decomposition temperature:	NA
explosive properties:	NA
Dust Explosion Class:	NA
Oxidising properties:	NA

9.2 Other information

The indicated values do not correspond in all cases to the product specification. Specification data can be found in the technical manual.

SECTION 10: Stability and reactivity

10.1 Reactivity

This information is not available.

10.2 Chemical stability

This information is not available.

10.3 Possibility of hazardous reactions

The product may react with strong oxidants, ammonia and some alkali metals such as magnesium, zinc or potassium

10.4 Conditions to avoid

Preserve away from moisture.

10.5 Incompatible materials

The product may react with strong oxidants, ammonia and some alkali metals such as magnesium, zinc or potassium

10.6 Hazardous decomposition products

No hazardous decomposition products, as long as the storage and handling requirements are met.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

Oral toxicity [mg / kg]

Value Test criterion Species used for the test Note: > 5000 LD50 Rat the statement is derived from structural products or similar composition

Dermal toxicity [mg / kg]

Value Test criterion Species used for the test Note: > 3000 LD50 Rat the statement is derived from structural products or similar composition

Inhalation toxicity [mg / l]: No data available

Primary skin irritation: non-irritant

SAFETY DATA SHEET

According to regulation according to Regulation (EC) No. 1907/2006



SOUPLETHANE UR5 – POLYOL

Version 5.0 Revision date (english version):
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Eye irritation: non-irritant
Sensitization: not sensitizing
Carcinogenic effects: No data available
Mutagenesis Ames: test negative
Reproductive toxicity: No experimental indication on the toxic effects on the reproduction.
Non-corrosive caustic effect

SECTION 12: Ecological Information

12.1 Toxicity

Toxicity to fish [mg / l]: Value Test criterion Species used for the test Type of measurement Exposure time
1000 LC0 Brachydanio rerio OECD 203 96h
Toxicity to daphnia [mg / l]: No information available.
Toxicity to algae [mg / l]: No information available

12.2 Persistence and degradability

Biodegradability: Readily biodegradable.

12.3 Bioaccumulative potential

Bioconcentration coefficient (BCF) <10

12.4 Mobility in soil

Mobility: No data available

12.5 Results of PBT and vPvB assessment

Result of the determination of the PBT properties (Persistent, Toxic, Bioaccumulative): The substances in the mixture do not meet the criteria for PBT substances and vPvB set out in appendix XIII of the REACH regulation.

12.6 Other adverse effects

Toxicity to bacteria [mg / l] 54000
Test criteria: EC10
Species used for the test: Pseudomonas putida

SECTION 13: Disposal considerations

After complete emptying (no flow or dripping, cleaning with a trowel) the packaging empty can be offered for recycling, according to the current specification for packaging, receiving stations for recovery systems in the chemical industry. Recycling must respect the national legislation and regulations concerning environmental protection. This waste does not must not be deposited with household waste, it is a chemical product that must be specific treatment.
Waste code: 20-01-27

SECTION 14: Transport information

ADR / RID

14.1 UN number: Not dangerous goods
14.2 Proper shipping name
United Nations: Not dangerous goods
14.3 Hazard class (es) for: Not dangerous goods transport
14.4 Packing group: Not dangerous goods
14.5 Hazards for: Not dangerous goods the environment

DNA

14.1 UN number: Not dangerous goods
14.2 Proper shipping name
United Nations: Not dangerous goods
14.3 Hazard class (es) for: Not dangerous goods transport
14.4 Packing group: Not dangerous goods
14.5 Hazards for: Not dangerous goods
the environment

IATA

14.1 UN number: Not dangerous goods

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According to regulation according to Regulation (EC) No. 1907/2006



SOUPLETHANE UR5 – POLYOL

Version 5.0 Revision date (english version):
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14.2 Proper shipping name
United Nations: Not dangerous goods
14.3 Hazard class (es) for: Not dangerous goods
transport
14.4 Packing group: Not dangerous goods
14.5 Hazards for: Not dangerous goods
the environment

IMDG

14.1 UN number: Not dangerous goods Shipping name of Nations plain: Non-dangerous goods
14.3 Hazard class (es) for: Not dangerous goods transport
14.4 Packing group: Not dangerous goods
14.5 Hazards for: Not dangerous goods
the environment

14.6 Special precautions to be taken by the user

See section 6 - 8.

Information (s) Additional (s): Not dangerous for transport.

Keep away from foodstuffs, acids and bases.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and to IBC collection

Not applicable.

SECTION 15: Regulatory information

15.1 Regulations / legislation specific for the substance or mixture concerning safety, health and environment

Directive 2012/18 / EU on the control of hazards related to major accidents involving dangerous substances.

Not applicable.

All national regulations on the handling of hazardous substances must be observed.

Article R.4624-18 of the Labor Code: Reinforced medical surveillance (SMR): not concerned

Articles L.461-1 to L.461-7 of the Social Security Code: compulsory declaration to the Primary Fund

Health Insurance and Labor Inspectorate. Table of Occupational Diseases N °: 25 (CAS: 14808-60-7).

Substances of very high concern (SVHC): This product does not contain substances extremely worrying beyond the respective regulatory concentration limits ($\geq 0.1\%$ (w / w), regulation (EC) N ° 1907/2006 (REACH), article 57).

15.2 Chemical safety assessment

A chemical safety assessment is not carried out.

SECTION 16: Other information

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Advice for the reader

While the information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.

IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.

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THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

Hazards, toxicity and behavior of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behavior should be determined by the user and made known to handlers, processors and end users.

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