

SECTION 1: Identification of the substance and of the company

A. Product identifier

Product (substance) name : RT 2180

B. Material uses and relevant identified uses

Material uses : Resins and adhesives, etc

Relevant identified uses : Not available

C. Company information

Kemat Belgium
Rue de la sablonniere 7
B-1000 Brussels - Belgium
T +32 2 219 48 11 - F +32 2 219 46 58
sales@kematbelgium.com
www.kematbelgium.com

1.4. Emergency telephone number

National advisory body / Poison Centre : For immediate, life-threatening emergencies, call local emergency number

Supplier emergency number : +32 2 219 48 11

SECTION 2: Hazards identification

A. Classification of product

Classification according to OSHA HazCom Standard 29 CFR 1910.1200(g)

Classification according to Regulation (EC) 1272/2008

GHS Pictogram : N/A

Hazard Class & Hazard Statement : N/A

This Product is not classified as Hazard according to Regulation (EC) 1272/2008

Classification according to Directive 1999/45/EC : N/A

Hazard Classification & Warning Symbol: N/A

Risk phase : N/A

This Product is not classified as Hazard according to Directive 1999/45/EC

B. Label elements

Labeling according to Directive 1272 2008[CLP]

Warning Symbol : N/A

Signal Word : N/A

Hazard statement : N/A

Precautionary statement : N/A

C. Other hazards

Results of PBT and vPvB assessment

PBT : Not applicable

vPvB : Not applicable

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SECTION 3: Composition/information on ingredients

Substance/Preparation : Substance

To present knowledge of the supplier, this product does not contain any hazardous ingredients in accordance to EU regulations or National regulations.

Ingredient(s)	CAS No.	% by Weight
1-propene, Homopolymer	9003-07-0	>99.0
Modifiers / Additives	CBI	<1.0

SECTION 4: First aid measures

- A** Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.
- B** Ingestion : Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
- C** Skin contact : Wash with soap and water. Obtain medical attention if symptoms occur.
- D** Eye contact : Check for and remove any contact lenses. In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Get medical attention if irritation occurs.
For THERMAL burns: Do NOT remove contact lens.
- E** For burns : **For first degree burns**
Hold burned skin under cool (not cold) running water or immerse in cool water until pain subsides. Use compresses if running water is not available. Cover with sterile non adhesive bandage or clean cloth.
Do NOT apply butter or ointments; this may cause infection.
For second degree burns
Cool the burn by immersing in cold running water for 10-15 minutes. Use compresses if running water is not available.
Do NOT apply ice as this may lower body temperature and cause further damage.
Do NOT break blisters or apply butter or ointments; this may cause infection. Protect burn by covering it loosely with sterile, nonstick bandages and secure in place with gauze or tape.
To prevent shock: (unless the person has a head, neck, or leg injury, or it would cause discomfort):
- Lay the person flat. Elevate feet about 12 inches.
- Elevate burn area above heart level, if possible.
- Cover the person with coat or blanket. Seek medical assistance.
For third degree burns
Seek immediate medical or emergency assistance. In the meantime:
Protect burn area cover loosely with sterile, nonstick bandage or, for large areas, a sheet or other material that will not leave lint in wound. Separate burned toes and fingers with dry, sterile dressings.
Do not soak burn in water or apply ointments or butter; this may cause infection. To prevent shock see above.
For an airway burn, do not place pillow under the person's head when the person is lying down. This can close the airway. Have a person with a facial burn sit up.
Check pulse and breathing to monitor for shock until emergency help arrives.
- F** Further medical treatment : Symptomatic treatment and supportive therapy as indicated. Following severe exposure the patient should be kept under medical review for at least 48 hours.

SECTION 5: Firefighting measures

- A** Special fire-fighting procedures : Fire fighters should wear self contained positive pressure breathing apparatus (SCBA) and full turnout gear.
- B** Extinguishing media Suitable : SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
- C** Protection of fire fighters : Be sure to use an approved/Certified respirator or equivalent.
- D** Combustion products include : Carbon monoxide and Carbon dioxide.

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SECTION 6: Accidental release measures

- A** Personal precautions : Splash goggles, Full suit, Boots, Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product.
- B** Environmental precautions and clean-up methods : Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7: Handling and storage

- A** Handling : When handling hot material, use heat resistant gloves. Do not ingest. Caution spillages may be slippery. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label.
- B** Storage : Keep container tightly closed. Keep container in a cool, well ventilated area.

SECTION 8: Exposure controls/personal protection

- A** Engineering measures : Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
- B** Occupational exposure limits : No Occupational Exposure Limit Assigned
- C** Respiratory system : Dust respirator. Be sure to use an approved/certified respirator or equivalent.
- D** Skin and body : Lab coat. When handling hot material, wear heat resistant protective gloves that are able to withstand the temperature of molten product. Overalls buttoned to the neck and wrist.
- E** Hands : Use impervious gloves when handling hot material.
- F** Eyes : Safety glasses.

SECTION 9: Physical and chemical properties

- A** Appearance : Solid at room temperature
- B** Odour : None
- C** pH : Not available
- D** Boiling point : Not available
- E** Melting point (softening point) : >80 - 160°C (180 - 320°F)
- F** Flash point : >400°F
- G** Explosive properties : Not available
- H** Vapour pressure : Not available
- I** Octanol/water partition coefficient : Not available
- J** Solubility : Insoluble in cold water

SECTION 10: Stability and reactivity

- A** Stability : The product is stable

SECTION 11: Toxicological information

- A** Acute toxicity

Ingredient name	Test	Result	Route	Species
1-propene, Homopolymer	LD50	>5000 mg/kg	Oral	Rat
	LD50	>2000 mg/kg	Dermal	Rabbit

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- B** Local effects : (Skin irritation) Not hazardous in case of skin contact (possible irritant). Molten product causes severe burns.
(Eye Irritation) Not hazardous in case of eye contact (possible irritant). Molten product causes severe burns.
(Chronic toxicity) Repeated or prolonged exposure is not known to aggravate medical condition.

SECTION 12: Ecological information

No information available. Non-ionic polymers with MWs > 1,000 that do not contain reactive functional groups and are comprised of minimal low MW oligomers are estimated to display no effects at saturation (NES). These polymers display NES because the amount dissolved in water is not anticipated to reach a concentration at which adverse effects may be expressed.

SECTION 13: Disposal considerations

- A** Methods of disposal; Waste of residues; Contaminated packaging : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: Transport information

International transport regulations

- A** Land – Road/Railway : Not regulated
B Sea : Not regulated
C Air : Not regulated

SECTION 15: Regulatory information

U.S. SARA REPORTING REQUIREMENTS: The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act, and are listed as follows:

Chemical name	SARA 302 40 CFR 355, Appendix A	SARA 304 40 CFR Table 302.4	SARA 313 40 CFR 372.37.65
Amorphous Poly Alpha Olefin Based Polymer	No	No	No

- U.S. TSCA INVENTORY STATUS : The components of this product are listed on the TSCA Inventory.
California Proposition 65 : No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information:

- CEPA DSL/NDSL Status : All components are listed on or are exempt from listing on the Canadian Domestic Substance.

EU Regulations:

- Risk Phrases : This product is not classified according to the EU regulation.

National Inventory	Status
Australia – AIIC / Australia Non-Industrial Use	Yes
Canada – DSL	Yes
Canada – NDSL	No (1-propene, Homopolymer)
China – IECSC	Yes
Europe – EINEC / ELINCS / NLP	No (1-propene, Homopolymer)
Japan – ENCS	Yes
Korea – KECI	Yes
New Zealand – NZIoC	Yes
Philippines – PICCS	Yes
USA – TSCA	Yes
Taiwan – TCSI	Yes
Mexico – INSQ	Yes
Vietnam – NCI	Yes
Russia – FBEPH	Yes
Legend	Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory.

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SECTION 16: Other information

History

A	Version	: 0.0
B	Date of issue	: 1 December 2022
C	Revision information	: None
A	Version	: 0.1
B	Date of issue	: 18 December 2023
C	Revision information	: 1. 11. TOXICOLOGICAL INFORMATION A Acute toxicity – Ingredient Name 2. 15. Regulatory Information status of 'Canada NDSL' & Europe EINEC / ELINCS / NLP

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