

# Safety Data Sheet

**Trade name:** KRONES colfix Mega T 2059 US

**Product no.:** 487

**Current version :** 1.0.0, issued: 24.02.2022

**Replaced version:** -, issued: -

**Region:** USA

## SECTION 1: Identification

### 1.1 Product identifier

**Trade name**

**KRONES colfix Mega T 2059 US**

### 1.2 Recommended use of the chemical and restrictions on use

**Recommended use of the chemical and restrictions on use**

Adhesive for packaging

**Restrictions on use**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

KRONES INC.

9600 SOUTH 58TH STREET

PO BOX 321801

Franklin

WI 53132-6241

Telephone no. 001-414-409-4000

Fax no. 001-414-409-4140

e-mail sales@kronesusa.com

### 1.4 Emergency phone number

+1 866 928 0789 (Toll free)

## SECTION 2: Hazard(s) identification

### 2.1 Classification of the chemical

**Classification information**

This product is not subject to classification in accordance with paragraph (d) of 29 CFR § 1910.1200 "Hazard Communication".

### 2.2 Label elements

Not relevant

### 2.3 Labelling information

No data available

### 2.4 Hazards not otherwise classified (HNOC)

No data available

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

Not applicable. The product is not a substance.

### 3.2 Mixtures

**Chemical characterization**

Hot melt adhesive based on thermoplastic polymers.

**Hazardous ingredients**

This product does not contain substances to be mentioned in accordance with paragraph (d) of 29 CFR § 1910.1200 "Hazard Communication".

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

**General information**

Most of the hazards come from the molten, hot product. Remove contaminated clothing and shoes and launder

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thoroughly before reusing. Adhere to personal protective measures when giving first aid.

**After inhalation**

Ensure supply of fresh air. In case of persisting adverse effects, consult a physician.

**After skin contact**

After contact with molten product, cool skin area rapidly with cold water. Do not pull solidified product from skin. Call a doctor immediately.

**After eye contact**

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get immediate ophthalmic treatment.

**After ingestion**

Rinse mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Take medical treatment.

**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**

Treat symptomatically.

## SECTION 5: Fire-fighting measures

**5.1 Extinguishing media**

**Suitable extinguishing media**

Dry chemical extinguisher; Carbon dioxide; Sand; Foam

**Unsuitable extinguishing media**

Full water jet

**5.2 Specific hazards arising from the chemical**

In the event of fire, the following can be released: Toxic gases/vapours; Carbon monoxide and carbon dioxide; Hydrocarbons

**5.3 Special protective equipment and precautions for fire-fighters**

Use self-contained breathing apparatus. Wear protective clothing. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Do not inhale explosion and/or combustion byproducts.

## SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Use personal protective clothing.

**For emergency responders**

Personal protective equipment (PPE) - see Section 8.

**6.2 Methods and materials for containment and cleaning up**

Allow to set, pick up mechanically. When collected, handle material as described under the section heading "Disposal considerations".

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling**

**Precautions for safe handling**

Risks inherent to handling the product must be minimised by applying appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances. Provide good ventilation of working area (local exhaust ventilation if necessary).

**General protective and hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not inhale dust.

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## 7.2 Conditions for safe storage, including any incompatibilities

### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place.

### Recommended storage temperature

Value 5 - 30 °C

### Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original.

### Incompatible products

Substances to be avoided: see chapter 10.

## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

#### Occupational exposure limit(s)

No	Substance name	CAS no.
1	Paraffin waxes and Hydrocarbon waxes	8002-74-2
ACGIH Threshold Limit Values		
Paraffin wax		
fume		
TWA		2 mg/m <sup>3</sup>

### 8.2 Exposure controls

#### Appropriate engineering controls

Provide good ventilation of working area (local exhaust ventilation if necessary).

#### Individual protection measures, such as personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of dust formation, take appropriate measures for breathing protection in the event that workplace threshold values are not specified.

##### Eye / face protection

Safety glasses (EN 166)

##### Hand protection

In case of intensive contact, wear protective gloves (EN 374). Before use, the protective glove should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other protection measures

Chemical-resistant work clothes.

## SECTION 9: Physical and chemical properties

### Form/Color

Waxy type

white

### Odor

Waxy type

### Odor threshold

No data available

### pH value

No data available

### Boiling point / boiling range

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No data available

## Melting point / melting range

Value	appr.	97.2	°C
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## Decomposition point / decomposition range

No data available

## Flash point

Value	>	185	°C
Method	Cleveland open cup		

## Auto-ignition temperature

No data available

## Oxidising properties

No data available

## Explosive properties

The product does not have explosive properties.

## Flammability

No data available

## Lower flammability or explosive limits

No data available

## Upper flammability or explosive limits

No data available

## Vapor pressure

No data available

## Vapor density

No data available

## Evaporation rate

No data available

## Relative density

No data available

## Density

No data available

## Solubility in water

No data available

## Solubility(ies)

No data available

## Partition coefficient: n-octanol/water

No data available

## Viscosity

Value	appr.	1950	cPs
Reference temperature		130	°C

## Other information

### Other information

No data available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Dangerous reactions are not expected if the product is handled according to its intended use.

### 10.2 Chemical stability

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Stable under recommended storage and handling conditions(See section 7).

## 10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

## 10.4 Conditions to avoid

No data available.

## 10.5 Incompatible materials

strong oxidising agents

## 10.6 Hazardous decomposition products

No data available.

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute oral toxicity

No data available

#### Acute dermal toxicity

No data available

#### Acute inhalational toxicity

No data available

#### Skin corrosion/irritation

No data available

#### Serious eye damage/irritation

No data available

#### Respiratory or skin sensitisation

No data available

#### Germ cell mutagenicity

No data available

#### Reproduction toxicity

No data available

#### Carcinogenicity

No data available

#### NTP Report on Carcinogens (RoC)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) listed "known" (to be a human carcinogen) or "RAHC" (reasonably anticipated to be a human carcinogen).

#### OSHA Standards listing cancer as a health effect (Table VII.6.2)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) listed as carcinogenic.

#### IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) classified by the IARC Monographs.

#### STOT - single exposure

No data available

#### STOT - repeated exposure

No data available

#### Aspiration hazard

No data available

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## SECTION 12: Ecological information

### 12.1 Toxicity

<b>Toxicity to fish (acute)</b>
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No data available
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<b>Toxicity to fish (chronic)</b>
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No data available
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<b>Toxicity to Daphnia (acute)</b>
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No data available
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<b>Toxicity to Daphnia (chronic)</b>
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No data available
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<b>Toxicity to algae (acute)</b>
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No data available
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<b>Toxicity to algae (chronic)</b>
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No data available
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### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Other adverse effects

No data available.

### 12.6 Other information

<b>Other information</b>
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Do not discharge product unmonitored into the environment.
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## SECTION 13: Disposal considerations

### 13.1 Disposal considerations

**Product**

Dispose in accordance with federal, state and local regulations.

**Packaging**

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in accordance with federal, state and local regulations.

## SECTION 14: Transport information

### 14.1 US DOT (Department of Transportation)

The product is not subject to DOT regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, pls. see 14.1 - 14.3.

### 14.6 Special precautions for user

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No data available.

## 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 US Federal Regulations

#### Toxic Substances Control Act (TSCA)

According to the data available and/or specifications supplied by upstream suppliers, all components of this product are on the TSCA Inventory or are exempted from notification requirements.

#### CERCLA (Comprehensive Environmental Response, Compensation and Liability Act)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being subject to Table 302.4 "List of Hazardous Substances and Reportable Quantities".

#### Clean Air Act (CAA): Hazardous Air Pollutants (HAPS)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being "Hazardous Air Pollutants".

#### Clean Water Act (CWA) Section 307 (Toxic Pollutants) and Section 311 (Hazardous Substances)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered to be "Hazardous Substances".

#### EPCRA SARA Section 313, Toxic Chemical Release Inventory

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being subject to "SARA Reporting".

#### Emergency Planning & Community Right-to-Know Act (EPCRA) - Sections 302 and 304

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being subject to reporting requirements.

#### Clean Air Act (CAA) - Section 602 Ozone depleting substances

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) listed as ozone depleting substance.

### 15.2 US State Regulations

#### Pennsylvania State Right to Know Hazardous Substance List

The product contains following substance(s) that are considered to be "Hazardous Substances".

No	Substance name	CAS no.
1	Paraffin waxes and Hydrocarbon waxes	8002-74-2

#### New Jersey State Right to Know Hazardous Substance List

The product contains following substance(s) that are considered to be "Hazardous Substances".

No	Substance name	CAS no.
1	Paraffin waxes and Hydrocarbon waxes	8002-74-2

#### Massachusetts State Right to Know Hazardous Substance List

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered to be "Hazardous Substances".

#### California Code of Regulations Title 8 §339, Hazardous Substances List

The product contains following substance(s) that are considered to be "Hazardous Substances".

No	Substance name	CAS no.
1	Paraffin waxes and Hydrocarbon waxes	8002-74-2

#### Right to Know - California State - Proposition 65

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered to be "Hazardous Substances".

## SECTION 16: Other information, including date of preparation or last revision

### 16.1 Other information

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No data available.

## 16.2 Date of preparation/revision of the SDS

Current version 1.0.0 24.02.2022

Replaced version - -

## 16.3 Department issuing safety data sheet

UMCO GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 187, Tel.: +49(40)555 546 300, Fax: +49(40)555 546 357, e-mail: umco@umco.de

## 16.4 Conclusions

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not, however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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Prod-ID 783230

## 16.5 Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists

ATE – Acute Toxicity Estimate

BOD - Biochemical Oxygen Demand

CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania

CAS - Chemical Abstracts Service

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

CFR - Code of Federal Regulations (US)

CLP - Classification, Labelling, and Packaging

DOT - Department of Transportation Commission

ECHA – European Chemicals Agency

EC / EL – Effective Concentration / Effective Loading

EPA - Environmental Protection Agency

IARC - International Agency for Research on Cancer

IATA - International Air Transport Association

IBC – Intermediate Bulk Container

ICAO - International Civil Aviation Organization

IDL - Ingredient Disclosure List

IDLH - Immediately Dangerous to Life and Health

IMDG - International Maritime Dangerous Goods

IUCLID - International Uniform Chemical Information Database

Kow - Octanol/water partition coefficient

LD/LC - Lethal Dose/ Lethal Concentration

MARPOL – Marine Pollution

MEL - Maximum Exposure Limits

NFPA - National Fire Protection Agency

NIOSH - National Institute for Occupational Safety and Health

NJTSP - New Jersey Trade Secret Registry

NOEL/NOEC – No Observed Effect Level / No Observed Effect Concentration

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

PEL- Permissible Exposure Limit

RCRA - Resource Conservation and Recovery Act

SARA - Superfund Amendments and Reauthorization Act

STEL - Short-term Exposure Limit

STOT – Specific Target Organ Toxicity

TDG - Transportation of Dangerous Goods

TLV - Threshold Limit Value

TSCA - Toxic Substances Control Act

TWA - Time Weighted Average

UN/NA - United Nations /North American



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US - United States

VLE - Exposure Limit Value (Mexico)

VOC – Volatile Organic Compounds