

# Safety Data Sheet

**Trade name:** KRONES colfix HM 5003

**Current version :** 1.0.1, issued: 04.01.2023

**Replaced version:** 1.0.0, issued: 15.01.2021

**Region:** USA

## SECTION 1: Identification

### 1.1 Product identifier

Trade name

**KRONES colfix HM 5003**

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

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

Adhesive for labelling

**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

**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 thoroughly before reusing.

**After inhalation**

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

**After skin contact**

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When in contact with the skin, clean with soap and water. After contact with molten product cool quickly with cold water. Do not pull solidified product from skin. Take for medical treatment.

**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. Call a doctor immediately.

**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**

No data available.

## SECTION 5: Fire-fighting measures

**5.1 Extinguishing media**

**Suitable extinguishing media**

Water mist; Foam; Extinguishing powder; Carbon dioxide; Extinguishing measures to suit surroundings.

**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

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

Use self-contained breathing apparatus. Wear protective clothing.

## 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.

**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.

**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.

**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**

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Substances to be avoided: see chapter 10.

## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

No parameters available for monitoring.

### 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.

Appropriate Material                      heat-repellent protective gloves

##### Other protection measures

Chemical-resistant work clothes.

## SECTION 9: Physical and chemical properties

### Form/Color

solid

### Odor

characteristic

### Odor threshold

No data available

### pH value

No data available

### Boiling point / boiling range

No data available

### Melting point / melting range

No data available

### Decomposition point / decomposition range

No data available

### Flash point

Value	>	200	°C
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### Auto-ignition temperature

Remarks	Product is not selfigniting.
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### Oxidising properties

No data available

### Explosive properties

Product does not present an explosion hazard.

### Flammability

No data available

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## 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

No data available

## Solvent content

Value	0	%
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## Solids content

Value	100	%
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## Other information

### Other information

No data available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

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

No data available.

### 10.6 Hazardous decomposition products

No data available.

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute oral toxicity

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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

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

#### **Toxicity to fish (acute)**

No data available

#### **Toxicity to fish (chronic)**

No data available

#### **Toxicity to Daphnia (acute)**

No data available

#### **Toxicity to Daphnia (chronic)**

No data available

#### **Toxicity to algae (acute)**

No data available

#### **Toxicity to algae (chronic)**

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

### Other information

Do not discharge product unmonitored into the environment.

## SECTION 13: Disposal considerations

### 13.1 Disposal considerations

No data available.

## 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

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

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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**

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".

#### **New Jersey 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".

#### **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**

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".

#### **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

No data available.

### 16.2 Date of preparation/revision of the SDS

Current version	1.0.1	04.01.2023
Replaced version	1.0.0	15.01.2021

### 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 760686

### 16.5 Key / Legend

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5E - indicates a substance that is the subject of a TSCA section 5(e) order  
5F - indicates a substance that is the subject of a TSCA section 5(f) rule  
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  
IUCILID - 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  
NJTSR - 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  
PMN - indicates a commenced Pre Manufacture Notice substance  
RCRA - Resource Conservation and Recovery Act  
S - indicates a substance that is identified in a final Significant New Use Rule  
SARA - Superfund Amendments and Reauthorization Act  
SP - indicates a substance that is identified in a proposed Significant New Use Rule  
STEL - Short-term Exposure Limit  
STOT – Specific Target Organ Toxicity  
T - indicates a substance that is the subject of a final TSCA section 4 test rule or order  
TDG - Transportation of Dangerous Goods  
TLV - Threshold Limit Value  
TP - indicates a substance that is the subject of a proposed TSCA section 4 test rule or order  
TSCA - Toxic Substances Control Act  
TWA - Time Weighted Average  
UN/NA - United Nations /North American  
US - United States  
VLE - Exposure Limit Value (Mexico)  
VOC – Volatile Organic Compounds  
XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule