

FORMULA FIVE Mold Release Wax

Safety Data Sheet
according to OSHA HCS and GHS - Canada WHMIS 2015

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SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product Identifier**

Product form : Mixture
Trade name : FORMULA FIVE Mold Release Wax

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

Relevant identified uses : Release agent

1.3 Details of the supplier of the safety data sheet

Company : REXCO
P.O. Box 80996
Conyers, GA 30013
U.S.A.

Telephone : 1-770-483-7610
Fax : 1-770-483-8550
Email : info@rexco-usa.com
Website : www.rexco-usa.com

1.4 Emergency telephone number

Chemtrec (24 hours/day) : 1-800-434-9300 (USA and Canada)
: 1-703-527-3887 (international; collect calls accepted)

SECTION 2. Hazards Identification**2.1 Classification of the substance or mixture**

Classification according to OSHA-HCS and GHS-Canada WHMIS 2015

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways

See section 16 for full text of H-phrases.

2.2 Label elements

Labeling according to the Globally Harmonized System (GHS)

Pictograms



Signal word : **Danger**

Hazard statements

H304 May be fatal if swallowed and enters airways

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Material does not meet the criteria for PBT or vPvB in accordance with REACH Annex XIII.

SECTION 3. Composition/information on ingredients

3.1 Substances

Not applicable. This material is not defined as a substance.

3.2 Mixtures

This material is defined as a mixture.

Components contributing to the classification of this material

	%
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	60 - 70
CAS No. 64742-47-8	
EC No. 926-141-6	
Asp. Tox. 1, H304	

Components not listed are either non-hazardous or are below reportable limits. Concentrations are in percent by weight.

SECTION 4. First aid measures

General information

Do not leave victim unattended. Show this safety data sheet to doctor in attendance.

4.1 Description of first aid measures

Inhalation

Provide fresh air if light-headed or having difficulty breathing. Provide artificial respiration if needed. If difficulty breathing persists, seek medical attention. If unconscious, place victim on their side for transport to medical facility.

Skin

Remove contaminated clothing and wash affected area with soap and warm water. If irritation persists, seek medical attention. Launder contaminated clothing and shoes prior to reuse.

Eyes

Flush immediately with cold water for 15 minutes. Remove contact lenses. Keep eye wide open while rinsing. Get prompt medical attention.

Ingestion

Seek immediate medical attention. Do not induce vomiting. If spontaneous vomiting occurs keep victim's head below hips to prevent aspiration into lungs. Do not leave individual unattended.

4.2 Most important symptoms and effects, both acute and delayed

Can cause eye irritation. May cause skin irritation. If swallowed, can cause nausea and vomiting with danger of Chemical Pneumonia. Prolonged or repeated exposure may result in conjunctiva, skin dermatitis, and central nervous system depression, including headache, dizziness, loss of coordination, and unconsciousness.

4.3 Indication of any immediate medical attention and special treatment

Treat symptomatically. Seek immediate medical attention if ingested.

SECTION 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Standard procedure for chemical fires. Use dry chemicals or foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

Water may be unsuitable as an extinguishing media but helpful in keeping adjacent areas cool. Avoid spreading burning liquid with water used for cooling purposes. Do not use water jet.

5.2 Special hazards arising from the substance or mixture

None inherent to this product.

Hazardous decomposition products formed during combustion

Carbon oxides, formaldehyde

5.3 Advice for firefighters

Evacuate area. Firefighters should use standard protective equipment and should use self-contained breathing apparatus in enclosed spaces. Use water spray to cool surfaces exposed to fire and to protect personnel.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ensure adequate ventilation. Keep sources of ignition and hot metal surfaces isolated from spill.

6.2 Environmental precautions

Prevent product from entering drains, waterways, sewers, and soil. Stop spill at source and prevent further leakage or spillage if safe to do so. Notify proper authorities if product enters sewers or public waters.

6.3 Methods and material for containment and cleaning up

Confine spill and place into suitable, closed container for disposal. Dispose of in accordance with regional, national, and local laws and regulations.

6.4 Reference to other sections

Section 7: safe handling. Section 8: personal and protective equipment. Section 10: incompatible materials. Section 13: disposal information. Section 16: full text of abbreviations.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Use in a well ventilated area or use appropriate respirator when ventilation is inadequate. Do not breathe vapor. Wear personal protective clothing and equipment as indicated in Section 8. Eliminate all sources of ignition. Do not ingest. Use good industrial hygiene practices in handling this material. Do not smoke, eat or drink while using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and leaving work. Clean up spills as soon as they occur. Empty containers may contain residual amounts of this product and should be handled with care. Do not reuse containers.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in a dry, cool and well-ventilated area away from direct sunlight. Avoid freezing. Store away from incompatible materials (see Section 10) and food and drink. Store in original container. Keep container tightly closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Provide appropriate fire extinguishers and spill cleanup equipment in or near storage area. Keep unauthorized personnel away.

7.3 Specific end uses

See section 1.2

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring:

Contains no substances with occupational exposure limit values.

Ingredients with biological monitoring guidance values (BMGV) and/or biological exposure index (BEI):

Contains no substances with biological monitoring guidance values.

8.2 Exposure controls

Engineering controls

Provide adequate local exhaust ventilation. Maintain eye wash fountain and safety shower in work area.

Personal protective equipment

General protective and hygienic measures

Do not eat, drink, or smoke while using. Wash hands before breaks and at the end of workday. Immediately remove all soiled or contaminated clothing.

Eye and face protection

Chemical safety glasses with side shields, goggles or face shield are recommended. Eye wash stations are recommended for the work area.

Skin and body protection

Wear chemical resistant clothing and shoes. Safety showers are recommended for the work area.

Respiratory protection

Provide sufficient general and/or local exhaust. If engineering controls are not sufficient to protect worker health use a half-face filter respirator approved under applicable regulatory standards.

Hand protection

Wear chemical resistant impervious gloves. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves.

Environmental controls

Prevent product from entering drains. Stop spill at source and prevent further leakage or spillage if safe to do so. If product contaminates rivers and lakes or drains, notify proper authorities.

SECTION 9. Physical and chemical properties

Physical state	: Solid
Physical form	: Paste
Colour	: Tan
Odour	: Aliphatic
Odour threshold	: No data available
Melting point	: 48 °C (120 °F)
Freezing point	: No data available
Initial boiling point and boiling range	: 203 °C – 238 °C (397 °F – 460 °F)
Flammability	: Not classified
Upper flammability limit	: Not applicable
Lower flammability limit	: Not applicable
Flash point	: > 80 °C (> 176 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
pH	: No data available
Viscosity	: Not applicable
Solubility (water)	: Not soluble
Partition coefficient n-octanol/water (log value)	: No data available
Vapour pressure	: No data available
Relative density at 24 °C (water = 1)	: 0.76 - 0.80
Volatile organic compounds (VOC)	
VOC - actual	: 543 g/L
VOC less water & exempt solvents	: 543 g/L

SECTION 10. Stability and reactivity

10.1 Reactivity

Not reactive under normal conditions of use.

10.2 Chemical stability

Stable under normal conditions of use.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

Avoid heat, sparks, open flames, hot surfaces, or other sources of ignition.

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

Carbon oxides, formaldehyde

SECTION 11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity : Not classified

LD/LC50 values that are relevant for classification:

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics

CAS No. 64742-47-8

EC No. 926-141-6

Oral	LD50	rat	> 5000 mg/kg
Dermal	LD50	rabbit	2000 - 4000 mg/kg
Inhalative	LC50	rat	> 0.5 mg/l/4h

Skin corrosion/irritation : Expected to be slightly irritating
 Serious eye damage/irritation : Expected to be slightly irritating
 Respiratory or skin sensitisation : Not classified
 Germ cell mutagenicity : Not classified
 Carcinogenicity : Not classified
 Reproductive toxicity : Not classified
 STOT-single exposure : Not classified
 STOT-repeated exposure : Not classified
 Aspiration hazard : May be fatal if swallowed and enters airway

SECTION 12: Ecological information

12.1 Toxicity : Not expected to be toxic.
 12.2 Persistence and degradability : Expected to be inherently biodegradable.
 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 General notes : No data available

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Dispose of in accordance with regional, national, and local laws and regulations.

Material disposal : Do not dispose of waste into sewer. Do not contaminate ponds, waterways, or ditches with product or used container. Send to a licensed waste management company.

Container disposal : Do not dispose of waste into sewer. Do not contaminate ponds, waterways, or ditches with product or used container. Send to a licensed waste management company.

SECTION 14. Transport information

14.1 UN number

Not regulated

14.2 UN proper shipping name

DOT : Not regulated
ADR : Not regulated
IMDG : Not regulated
IATA : Not regulated

14.3 Transport hazard class

Not regulated

14.4 Packing group

Not regulated

14.5 Environmental hazards

Not regulated

14.6 Special precautions for user

Not regulated

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Not regulated

14.8 Additional information

Not regulated

SECTION 15. Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No information available for this material. Information provided is for components.

OSHA Hazard Communication Standard

This material is hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200

Superfund Amendments and Reauthorization Act (SARA)**SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazard Categories

Immediate (acute) health hazard

SARA 313 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

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

No chemicals in this material are subject to the reporting requirements of CERCLA.

California Proposition 65

No chemicals in this material are subject to the reporting requirements of California Proposition 65.

This product contains the following Right to Know components:**Component**

Distillates (petroleum), hydrotreated light (CAS No. 64742-47-8)

U.S. State Right to Know list

: Massachusetts, New Jersey, Pennsylvania

Regulation (EC) No 1907/2006, Title VII, Article 57 - Substances of Very High Concern (SVHC)

No components of this material are listed.

Regulation (EC) No 1907/2006, Annex XIV - List of Substances Subject to Authorization

No components of this material are listed.

Regulation (EC) No 1907/2006, Annex XVII - Restrictions of Certain Dangerous Substances, Mixtures and Articles

No conditions of restriction

International Agency for Research on Cancer (IARC)

This product contains the following chemicals classified by IARC as carcinogenic:

None known

Chemical inventories

Components are listed or exempted from listing on the following chemical inventories:

AICS	Australian Inventory of Chemical Substances
DSL / NDSL	Domestic Substances List / Non-Domestic Substances List
EINECS	European Inventory of Existing Commercial Chemical Substances
ENCS	Existing and New Chemical Substances
IECS	Inventory of Existing Chemical Substances Produced or Imported in China
KECI	Korea Existing Chemicals Inventory
NZIoC	New Zealand Inventory of Chemicals
PICCS	Philippine Inventory of Chemicals and Chemical Substances
TCSI	Taiwan Chemical Substance Inventory
TSCA	Toxic Substances Control Act

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

SECTION 16. Other information

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Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
Asp. Tox. 1	Aspiration hazard - Category 1
CAS	Chemical Abstract Service
DOT	U.S. Department of Transportation
EC	European Community
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Lethal concentration, 50 percent
LD50	Lethal does, 50 percent
NIOSH	National Institute for Occupational Safety and Health
OSHA	U.S. Occupational Safety and Health Administration
OSHA HCS	U.S. Occupational Safety and Health Administration Hazard Communication Standard
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative