

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## FORMULA FIVE Mold Release Wax

Print date: 15.03.2013

Product code: 165125-2010

Page 1 of 4

### 1. Identification of the substance/mixture and of the company/undertaking

#### Identification of the substance or mixture

FORMULA FIVE Mold Release Wax

#### Company/undertaking identification

Company name: R&G Faserverbundwerkstoffe GmbH  
Composite Technology  
Street: Im Meißel 7 - 13  
Place: D-71111 Waldenbuch  
Post-office box: 1145  
D-71107 Waldenbuch  
Telephone: +49-7157-530460  
Telefax: +49-7157-530470  
e-mail: info@r-g.de  
Internet: www.r-g.de  
Responsible Department: Management  
1.4. Emergency telephone number: poison information centre

### 2. Hazards identification

### 3. Composition/information on ingredients

Chemical characterization ( Mixture )

#### Hazardous components

EC No	CAS No	Chemical name	Quantity	Classification
265-149-8	64742-47-8	Distillates (petroleum), hydrotreated light, Kerosine - unspecified	64 - 76 %	Xn - Harmful R65
	8015-86-9	Carnaubawax	12 - 18 %	
	8002-74-2	Paraffin	8 - 12 %	
	63148-62-9	Dimethylpolysiloxan	4 - 6 %	

Full text of each relevant R phrase can be found in Section 16.

### 4. First aid measures

#### General information

NFPA Rating: Health 1, Fire 2, Reactivity 0 HMIS Rating: Health 1, Fire 2, Reactivity 0 0=minimal, 1=slight, 2=moderate, 3=high, 4=extreme

#### After inhalation

Repeated or prolonged exposure may cause central nervous system depression, including headache, dizziness, loss of coordination, unconsciousness. If light-headed or having difficulty breathing, expose individual to fresh air and/or oxygen. If breathing stops, begin artificial respiration and seek immediate medical attention.

#### After contact with skin

May cause skin irritation. Prolonged or repeated exposure may result in defatting, skin dermatitis. Remove contaminated clothing and wash affected area with soap and hot water. If irritation from contact persists, seek medical attention. Launder contaminated clothing - including shoes - prior to reuse.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## FORMULA FIVE Mold Release Wax

Print date: 15.03.2013

Product code: 165125-2010

Page 2 of 4

### After contact with eyes

Can cause eye irritation. Prolonged or repeated exposure may result in conjunctiva. Flush immediately with cold water for 15 minutes and seek medical attention.

### After ingestion

Can cause nausea and vomiting with danger of Chemical Pneumonia. Seek immediate medical attention. DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep victim's head below hips to prevent aspiration into lungs. If possible, do not leave victim unattended.

## 5. Fire-fighting measures

### Suitable extinguishing media

dry chemicals Carbon dioxide (CO<sub>2</sub>). Water spray. jet of water Foam.

### Additional information

Wear of NIOSH-approved self contained breathing apparatus in positive pressure mode and full bunker gear. Water may be unsuitable as an extinguishing media but helpful in keeping adjacent containers cool in order to prevent container rupture. Avoid spreading burning liquid with water used for cooling purposes.

## 6. Accidental release measures

### Additional information

Keep sources of ignition and hot metal surfaces isolated from spill. Persons involved in clean-up should wear personal protection equipment. Stop spill at source and prevent from spreading. If spilled as a solid, scrape and then sweep up spilled material. If spilled as a free-flowing liquid, confine spill and allow liquid to solidify prior to clean-up. If run-off occurs, notify proper authorities as required. Place chemical waste container and dispose of in accordance with local, state, and federal regulations. CAUTION! FLOORS COVERED WITH RESIDUAL MATERIAL BECOME EXTREMELY SLIPPERY.

## 7. Handling and storage

### Handling

#### Further information on handling

Store in cool, dry location at 90 °F (32 °C) or below and away from open flames, heat, and sparks. Keep work areas free of hot metal surfaces and other sources of ignition. Keep container tightly closed when not in use to prevent drying out of material. Repack only into high-density polyethylene (HDPE). Containers used for repackaging should be thoroughly tested for long-term product compatibility before use. All new containers must exhibit product labels required for proper identification, safety, handling, and storage. Empty containers may contain product residue such as vapors - continue to observe proper handling and storage precautions.

### Storage

## 8. Exposure controls/personal protection

### Exposure limit values

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
8002-74-2	Paraffin wax, fume	-	2		TWA (8 h)	WEL
		-	6		STEL (15 min)	WEL

### 8.2. Exposure controls

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## FORMULA FIVE Mold Release Wax

Print date: 15.03.2013

Product code: 165125-2010

Page 3 of 4

### Eye protection

Safety glasses, goggles, or face shield are advised. Eye washes are recommended for work areas.

## 9. Physical and chemical properties

### General information

Physical state: Paste  
Colour: Dark yellow / light brown  
Odour: solvent

### Important health, safety and environmental information

Test method

#### Changes in the physical state

Melting point: 48 °C  
Boiling point: 154- 210 °C  
Vapour pressure: 3 (mm Hg) hPa  
Density: 0,788 g/cm<sup>3</sup>  
Water solubility: not miscible

## 10. Stability and reactivity

### 10.4. Conditions to avoid

open flames hot surfaces Keep away from heat and ignition sources.

### Further information

Incompatibility: Incompatible with strong oxidizing agents, strong acids or bases, alkali metals, halogens, and strong alkalis. Hazardous Decomposition: Normal combustion forms carbon dioxide and water vapor. incomplete combustion will produce carbon monoxide and other toxic substances.  
Hazardous Polymerization: Will not occur

## 11. Toxicological information

### Additional information on tests

No data available specific to this product.

## 12. Ecological information

### Further information

Product would not be expected to cause damage to the environment and is inherently biodegradable.  
Product would be expected to biodegrade slowly, depending upon conditions to which it is exposed.

## 13. Disposal considerations

### Advice on disposal

Waste material may be incinerated at an approved facility where permitted under appropriate Federal, State, and Local regulations.

## 14. Transport information

### Land transport (ADR/RID)

#### Other applicable information (land transport)

Not restricted

### Marine transport (IMDG)

# Safety Data Sheet

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## FORMULA FIVE Mold Release Wax

Print date: 15.03.2013

Product code: 165125-2010

Page 4 of 4

### Other applicable information (marine transport)

Not restricted

### Air transport (ICAO)

### Other applicable information (air transport)

Not restricted

## 15. Regulatory information

### Labelling

### National regulatory information

## 16. Other information

### Full text of R phrases referred to under Sections 2 and 3

65 Harmful: may cause lung damage if swallowed.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*