

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 79021 Harddrying Oil Kremer Gloss

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Revised edition: 30.01.2020

Version: 1

Printed: 01.07.2020

### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

*Product Name:* Harddrying Oil Kremer Gloss

*Article No.:* 79021

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*

Natural resin colors  
Vegetable oil mixture with D60

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Kremer Pigmente GmbH & Co. KG

*Address:* Hauptstr. 41-47, 88317 Aichstetten, Germany

*Tel./Fax.:* Tel +49 7565 914480, Fax +49 7565 1606

*Internet:* www.kremer-pigmente.com

*E-Mail:* info@kremer-pigmente.com

*Importer:* --

#### 1.4. Emergency No.

*Emergency No.:* +49 7565 914480 (Mon-Fri 8:00 - 17:00)

#### 1.4.2 Poison Center:

### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Possible Environmental Effects:*

#### 2.2. Label Elements

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

#### 2.3. Other Hazards

### 3. Composition/Information on Ingredients

Substance

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3.1.

3.2. **Mixture**

*Chemical Characterization:* Resin solution of colophony resin, modified (25-50 %).

*Information on Components / Hazardous Ingredients:*

Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes,	20 - 30 %	CAS-Nr: (64742-48-9)
Cyclenes, < 2% Aromatics (Asp. Tox. 1-H304);		EINECS-Nr: 918-481-9
REACH Reg. No. 01-2119457273-39		EC-Nr:

*Additional information:*

## 4. First Aid Measures

4.1. **Description of the First Aid Measures**

*General information:*

*Stable side position in case of unconsciousness.  
Never give anything by mouth to an unconscious person.*

*After inhalation:*

*Supply fresh air. If required give artificial respiration. In case of complaints or unconsciousness consult a physician. In case of unconsciousness place patient stable in side position for transportation.*

*After skin contact:*

*Wash off with plenty of water and soap.*

*After eye contact:*

*Rinse open eyes with plenty of water. In case of discomfort seek medical help.*

*After ingestion:*

*Rinse mouth with plenty of water.  
Do not induce vomiting. Consult physician immediately.*

4.2. **Most important Symptoms and Effects, both Acute and Delayed**

*Symptoms:*

*No further information available.*

*Effects:*

*No further information available.*

4.3. **Indication of any Immediate Medical Attention and special Treatment needed**

*Treatment:*

*No further information available.*

## 5. Fire-Fighting Measures

5.1. **Extinguishing Media**

*Suitable extinguishing media:*

*Foam, carbon dioxide (CO<sub>2</sub>), extinguishing powder, water spray.*

*Unsuitable extinguishing media:*

*Water with full jet.*

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### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*When heated or in case of fire: formation of hazard fumes possible.*

*In case of fire: formation of carbon oxides, nitrogen oxides.*

### 5.3. Advice for Firefighters

*Protective equipment:*

*Wear self-contained respiratory protective device.*

*Further information:*

*Cool exposed containers with water spray.*

*Contaminated extinguishing water and debris should be disposed of according to local regulations.*

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## 6. Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Wear protective clothing.*

*Provide adequate ventilation. Keep away from sources of ignition.*

*Do not inhale aerosol/fumes/vapors.*

### 6.2. Environmental Precautions

*Environmental precautions:*

*Prevent contamination of soils, drains and surface water.*

### 6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Contain with absorbent material (sand, diatomaceous earth, acid binder, universal absorbent, saw dust) and dispose accordingly.*

### 6.4. Reference to other Sections

*For information for safe handling see Section 7.*

*Protective clothing, see Section 8.*

*Dispose of contaminated material according to Section 13.*

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## 7. Handling and Storage

### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Provide adequate ventilation, also in floor area (vapors are heavier than air).*

*Do not breathe vapors, spray or gas.*

*Hygienic measures:*

*Avoid contact with eyes and skin.*

*Keep away from foodstuffs and drinks.*

### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

*Store in tightly sealed containers in a dry and cool room.*

*Protect against heat and direct sunlight.*

*Requirements for storage areas and*

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*containers:*

*Store the product in the original container.*

*Information on fire and explosion protection:*

*Keep away from sources of ignition - do not smoke. Take measures to prevent electrostatic discharge.*

*Vapors may form an explosive mixture with air.*

*Do not store together with: oxidants and acidic or alkali-containing products.*

*Storage class:*

*10; Combustible liquids (TRGS 510)*

*Further Information:*

*Storage temperature: 5 - 30°C*

### 7.3. Specific End Use(s)

*Further information:*

## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*TRGS 900*

*Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics: TWA: 300 mg/m<sup>3</sup>*

*Parameters to be controlled:*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*Provide adequate ventilation/exhaust system.*

*Personal Protection*

*General protective measures:*

*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.*

*Preventive skin protection by applying protective cream.*

*Remove contaminated clothing immediately.*

*Respiratory protection:*

*Respiratory equipment required in case of insufficient ventilation, filter type A-P2 (organic gases and vapors).*

*Hand protection:*

*Chemical protective gloves (EN 374 (Europe), F739 (US)).*

*Protective glove material:*

*Protective gloves made of butyl rubber.*

*Recommended: Protective index 6, > 480 min. of permeation time*  
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*accord. EN 374.*

*Eye protection:*

*Safety glasses (EN 166)*

*Body protection:*

*Protective clothing, antistatic.*

*Environmental precautions:*

*Avoid contamination of sewage system, open water ways and ground water.*

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### 9. Physical and Chemical Properties

#### 9.1. Information on Basic Physical and Chemical Properties

*Form:*

*liquid*

*Color:*

*yellowish*

*Odor:*

*weak, characteristic*

*Odor threshold:*

*No information available.*

*pH-Value:*

*not determined*

*Melting temperature:*

*not determined*

*Boiling temperature:*

*> 100°C*

*Flash point:*

*> 200°C*

*Evaporation rate:*

*not applicable*

*Flammability (solid, gas):*

*not applicable*

*Upper explosion limit:*

*no information available*

*Lower explosion limit:*

*no information available*

*Vapor pressure:*

*not determined*

*Vapor density:*

*No information available.*

*Density:*

*0.94 g/cm<sup>3</sup>*

*Solubility in water:*

*insoluble*

*Coefficient of variation (n-Octanol/Water):*

*not determined*

*Auto-ignition temperature:*

*No information available.*

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*Decomposition temperature:*

*not determined*

*Viscosity, dynamic:*

*80 mPa.s (20°C)*

*Explosive properties:*

*Product does not present an explosion hazard.*

*Oxidizing properties:*

*No oxidizing properties*

*Bulk density:*

*not applicable*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

*No further information.*

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## 10. Stability and Reactivity

### 10.1. Reactivity

*Stable if used according to specifications.*

### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*Strong exothermic reaction with acids, alkalis and oxidants.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Avoid heat, hot surfaces, sparks, naked flames and other ignition sources. Do not smoke.*

*Thermal decomposition:*

*No data available.*

### 10.5. Incompatible Materials

*Strong acids.*

*Oxidizing agents, alkalis.*

### 10.6. Hazardous Decomposition Products

*Carbon monoxide and dioxide, fumes, nitrogen oxide.*

### 10.7. Further Information

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## 11. Toxicological Information

### 11.1. Information on Toxicological Effects

*Acute Toxicity*

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*LD50, oral:*

*Hydrocarbons, C10-C13, N-Alkanes, Isoalkanes, cyclenes, <2% aromatics: > 5000 mg/kg (rat; OECD 401)*

*LD50, dermal:*

*Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, cyclenes, <2% aromatics: > 2000 mg/kg (rat; OECD 402)*

*LC50, inhalation:*

*No information available.*

*Primary effects*

*Irritant effect on skin:*

*No irritant effect known.*

*Irritant effect on eyes:*

*No irritant effect known.*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*No sensitizing effects known.*

*Mutagenicity:*

*No mutagenic effects known.*

*Reproductive toxicity:*

*No negative effects known.*

*Carcinogenicity:*

*No cancerogenic effect known.*

*Teratogenicity:*

*Not considered to be teratogenic.*

*Specific target organ toxicity (STOT):*

*No relevant data found.*

*Additional toxicological information:*

*Aspiration hazard: not applicable*

## 12. Ecological Information

### 12.1. Aquatic Toxicity

*Fish toxicity:*

*Hydrocarbons, C10-C13, N-Alkanes, Isoalkanes, cyclenes, <2% aromatics: LL50: > 1000 mg/kg (96h, Oncorhynchus mykiss; OECD 203)*

*Daphnia toxicity:*

*Hydrocarbons, C10-C13, N-Alkanes, Isoalkanes, cyclenes, <2% aromatics: LL50/EL50: >1000 mg/l (48h, Daphnia magna; OECD 202)*

*Bacteria toxicity:*

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*No data available.*

*Algae toxicity:*

*Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, cyclenes, < 2%  
Aromatics: EL50: >1000 mg/l (72h, Pseudokirchneriella  
subcapitata; OECD 201)*

### 12. 2. Persistency and Degradability

*Hydrocarbons, C10-C13, N-Alkanes, Isoalkanes, cyclenes, <2%  
aromatics: readily biodegradable*

*Oxygen consumption: 80 % (28d; OECD 301F)*

*Carbon dioxide formation: 20.62 % (31d)*

### 12. 3. Bioaccumulation

*No information available.*

### 12. 4. Mobility

*No information available.*

### 12. 5. Results of PBT- und vPvP Assessment

*On the basis of available data, the product does not contain and  
PBT or vPvB in percentage greater than 0.1 %.*

### 12. 6. Other Adverse Effects

*Water hazard class:*

*1, slightly hazardous*

*Do not let product contaminate ground water, waterways or  
sewage system.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*AOX Value:*

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## 13. Disposal Considerations

### 13. 1. Waste Treatment Methods

*Product:*

*Dispose of according to official national and local regulations.*

*Must not be disposed together with household garbage.*

*European Waste Code (EWC):*

*The waste code is determined according to the kind of waste and  
industry stated in the European Waste Catalogue.*

*Uncleaned packaging:*

*Dispose of according to official local regulations.*

*Waste Code No.:*

---

## 14. Transport Information

### 14. 1. UN Number

*ADR, IMDG, IATA*

### 14. 2. UN Proper Shipping Name

*ADR/RID:*

*No hazardous goods according to ADR (land transportation).*

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*IMDG/IATA:*

*No hazardous goods according to IMDG.*

### 14.3. Transport Hazard Classes

*ADR Class:*

*not applicable*

*Hazard no.:*

*Classification code:*

*Tunnel restriction code:*

*IMDG Class (sea):*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*not applicable*

*Hazard no.:*

### 14.4. Packaging Group

*ADR/RID:*

*not applicable*

*IMDG:*

*IATA:*

### 14.5. Environmental Hazards

*None*

### 14.6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

### 14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

### 14.8. Further Information

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## 15. Regulatory Information

### 15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

*Water hazard class:*

*1, slightly hazardous for water (according to the German Regulation AwSV)*

*Local regulations on chemical accidents:*

*Seveso III: does not apply*

*Employment restrictions:*

*The employment restrictions for young workers in accordance with the Youth Employment Protection Law (§ 22 JArbSchG) are to be observed.*

*Restriction and prohibition of application:*

*EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics: R3*

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*Technical instructions on air quality:*

5.2.5.: Organic substances: > 25 wt.-% ( $m \geq 0.50$  kg/h: conc. 50 mg/m<sup>3</sup>)

**15.2. Chemical Safety Assessment**

*A Chemical Safety Assessment has not been carried out for this product.*

**15.3. Further Information**

*RoHS Directive 2011/65/EC on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS 2): not listed.*

*Regulation (EC) 649/2012 concerning the export and import of dangerous chemicals: Not applicable*

*Regulation (EC) 1005/2009 - Substances that Deplete the Ozone Layer: not regulated / not applicable*

*Regulation (EC) 648/2004 on detergents:*

*Aliphatic hydrocarbons: > 30 %*

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**16. Other Information**

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*