

## SAFETY DATA SHEET (SDS)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### **1.1 Product identifier**

Trade name: Flamingo Kunstharz – Haftgrund hellgrau.  
Article number: 598F002  
Customs tariff number: 32081090  
EU origin product

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

No further relevant information available.

**Application of the substance / the mixture:** Coating compound/ Surface coating/ paint

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

Manufacturer/Supplier:

Chemtrade  
Klaus Wimmer, MSc  
Steinfeldstraße 14  
A-4654 Bad Wimsbach-Neydharting

Informing department:  
Product safety department  
(office@chemtrade.at)

#### **1.4 Emergency telephone number**

During normal opening times: +43 (0)677 62785008

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam.	Liq. 3	H226	Flammable liquid and vapour.
Aquatic	Chronic 3	H412	Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

#### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

#### Hazard pictograms



GHS02 flame

Signal word

Warning

#### Hazard statements

H226	Flammable liquid and vapour.
H412	Harmful to aquatic life with long lasting effects.

## 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.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P240	Ground/bond container and receiving equipment.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P501	Dispose of contents / container in accordance with local / regional / national / international regulations.

## Additional information:

EUH066	Contains 2-butanone oxime. May produce an allergic reaction.
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## 2.3 Other hazards

### Results of PBT and vPvB assessment

<b>PBT:</b>	Not applicable.
<b>vPvB:</b>	Not applicable.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Chemical characterisation:**

**Mixtures**

**Description:**

Mixture consisting of the following components with harmless additives.

<b>Dangerous components</b>		
CAS: 64742-48-9 EINECS: 265-150-3	naphtha (petroleum), hydrotreated heavy Flam. Liq. 3, H226; Asp. Tox. 1, H304	10-25%
CAS: 7779-90-0 EINECS: 231-944-3 Index number: 030-011-00-6 Reg.nr.: 01-2119485044-40-0000	trizinc bis (orthophosphate) Aquatic Acute 1, H400; Aquatic Chronic Chronic 1, H410	2,5-10%
CAS: 1330-20-7 EINECS: 215-535-7 Indexnumber: 601-022-00-9 Reg.nr.: 01-2119488216-32-xxxx	xylene (mix) Flam. Liq. 3, H226; Acute Tox. 4, H312; Skin Irrit. 2, H315	2,5-10%
CAS: 96-29-7 EINECS: 202-496-6 Index number: 616-014-00-0	2-butanone oxime Carc. 2, H351; Eye Dam. 1, H318; Acute Tox. 4, H312; Skin Sens. 1, H317	≥ 0.1 - < 1%

**Additional information:**

For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

- After inhalation:** Supply fresh air; consult doctor in case of symptoms.
- After skin contact:** Instantly wash with water and soap and rinse thoroughly.
- After eye contact:** Rinse opened eye for several minutes under running water.
- After swallowing:** Do not induce vomiting; instantly call for medical help.

**4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.



#### **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### **SECTION 5: FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

**Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.  
**For safety reasons unsuitable extinguishing agents:** Water with a full water jet.

#### **5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

#### **5.3 Advice for firefighters**

**Protective equipment:** No special measures required.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Wear protective equipment. Keep unprotected persons away.

#### **6.2 Environmental precautions:**

Do not allow product to reach sewage system or water bodies.

#### **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.

#### **6.4 Reference to other sections**

See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Keep containers tightly sealed.  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

#### Information about protection against explosions and fires



Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage:

**Requirements to be met by storerooms and containers:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:**

Store in cool, dry conditions in well sealed containers.

Storage class:

VbF-class: not applicable

### 7.3 Specific end use(s)

No further relevant information available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Additional information about design of technical systems:

No further data; see item 7.

### 8.1 Control parameters

Components with critical values that require monitoring at the workplace:	
<b>1330-20-7 xylene (mix)</b>	
IOELV (Europäische Union)	Short-term value 442 mg/m <sup>3</sup> , 100 ml/m <sup>3</sup> Long-term value: 221 mg/m <sup>3</sup> , 50 ml/m <sup>3</sup> Skin
MAK (Austria)	Short-term value: 442 mg/m <sup>3</sup> , 100 ml/m <sup>3</sup> Long-term value: 221 mg/m <sup>3</sup> , 50 ml/m <sup>3</sup>

**Additional information:** The lists that were valid during the compilation were used as basis.

## 8.2 Exposure controls

### Personal protective equipment

#### General protective and hygienic measures

Wash hands during breaks and at the end of the work.  
Do not inhale gases / fumes / aerosols.

#### Breathing equipment:



In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

#### Protection of hands:



Solvent resistant gloves

### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### Eye protection:



Tightly sealed safety glasses.

**Body protection:** Protective work clothing.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### **9.1 Information on basic physical and chemical properties**

#### **General Information**

**Appearance:**

**Form:** Fluid  
**Colour:** According to product specification  
**Smell:** Solvent-like

#### **Change in condition**

**Melting point/Melting range:** Not determined  
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**Internal boiling point and boiling range:** 140 °C

**Flash point:** 43 °C

**Ignition temperature:** 225 °C

**Self-inflammability:** Product is not selfigniting.

**Explosive properties:** Product is not explosive. However, formation of explosive air/steam mixtures is possible.

**Density at 20 °C:** 1,41 g/cm<sup>3</sup>

**Solubility in / Miscibility with water:** Not miscible or difficult to mix

### **9.2 Other information**

No further relevant information available.

## SECTION 10: Stability and reactivity

### **10.1 Reactivity**

No further relevant information available.

### **10.2 Chemical stability**

**Conditions to be avoided:** No decomposition if used according to specifications.

### **10.3 Possibility of hazardous reactions**

No dangerous reactions known

#### **10.4 Conditions to avoid**

No further relevant information available.

#### **10.5 Incompatible materials:**

No further relevant information available

#### **10.6 Hazardous decomposition products:**

In case of fire: CO<sub>2</sub>, CO, NO<sub>x</sub>

### **SECTION 11:**

### **TOXICOLOGICAL INFORMATION**

#### **11.1 Information on toxicological effects**

##### **Acute toxicity**

Based on available data, the classification criteria are not met.

<b>LD/LC50 values that are relevant for classification:</b>		
<b>64742-48-9 naphtha (petroleum), hydrotreated heavy</b>		
Oral	LD50	> 8000 mg/kg (rat)
Dermal	LD50	> 3800 mg/kg (rab)
Trizinic bis (orthophosphate) * 2-4 H <sub>2</sub> O		
Oral	LD50	> 5000 mg/kg (rat)

##### **Primary irritant effect:**

###### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

###### Serious eye damage/irritation

Based on available data, the classification criteria are not met.

###### Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

###### Additional toxicological information:

Solvents will lead to dry up skin and may cause irritant effects.  
Inhalation of vapours will lead to anaesthesia-like conditions (headache, dizziness).

##### **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

###### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

###### Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

**SECTION 12:**

**ECOLOGICAL INFORMATION**

**12.1 Toxicity**

**Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

Ecotoxicological effects:

**Remark:** Harmful to fish

Additional ecological information:

**General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted or large quantities of it to reach ground water, water bodies or sewage system.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 12.6 Other adverse effects

No further relevant information available.

#### **Uncleaned packagings:**

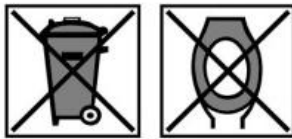
**Recommendation:** Disposal must be made according to official regulations.

## SECTION 13:

## DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### **Recommendation:**



Must not be disposed of together with household garbage.  
Do not allow product to reach sewage system.

Waste number:

according to ÖNORM S 2100

waste paint and varnish containing organic solvents or other hazardous substances

#### **Disposal hint:**

Chemical-physical treatment: not suitable

Biological treatment: not suitable

Thermal treatment: suitable

Tipping/landfilling: not suitable

#### **Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

## SECTION 14:

## TRANSPORT INFORMATION

### 14.1 UN-Number

ADR, IMDG, IATA 1263

### 14.2 UN proper shipping name

ADR 1263 PAINT

### 14.3 Transport hazard class(es)

ADR, IMDG, IATA

<b>Class</b>	3	Flammable liquids.
<b>Label</b>	3	

#### **14.4 Packing group**

ADR, IMDG, IATA III

#### **14.5 Environmental hazards:**

Marine pollutant: No

#### **14.6 Special precautions for user Warning:**

Flammable liquids.

**Kemler Number:** 30

**EMS Number:** F-E,S-E

#### **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

Transport/Additional information:

ADR

**Limited quantities (LQ)** 5L

**Excepted quantities (EQ)** Code: E1

Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml

**Transport category** 3

**Tunnel restriction code** D/E

**Remarks:** Packaging <450 Liter: no dangerous goods acc. to "2.2.3.1.5"

IMDG

**Limited quantities (LQ)** 5L

**Excepted quantities (EQ)** Code: E1

Maximum net quantity per inner packaging: 30ml  
Maximum net quantity per outer packaging: 1000 ml

**UN "Model Regulation":** UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS

## SECTION 15: Austrian and EU-Regulations

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National regulations

Classification according to VbF: not applicable

#### **Water hazard class (acc. to VwVwS idgF):**

Water hazard class 1 (Self-assessment): slightly hazardous for water.

#### Other relation, restriction and prohibition regulations:

The provision of the employees protection act (ASchG) and the issued thereto regulations as amended must be observed.

### 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

## SECTION 16: OTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### **Relevant phrases**

- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H411 Toxic to aquatic life with long lasting effects.

**Department issuing data specification sheet:** Product safety department

**Contact:** Product Safety Dept.

Abbreviations and acronyms:

ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
VbF:	Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent
Flam. Liq. 3:	Flammable liquids, Hazard Category 3
Acute Tox. 4:	Acute toxicity, Hazard Category 4
Skin Irrit. 2:	Skin corrosion/irritation, Hazard Category 2
Asp. Tox. 1:	Aspiration hazard, Hazard Category 1
Aquatic Chronic 2:	Hazardous to the aquatic environment - Chronic Hazard, Category 2
Aquatic Chronic 3:	Hazardous to the aquatic environment - Chronic Hazard, Category 3

Notice of **AGRU Kunststofftechnik**:

This safety data sheet provides general information, applicable for AGRUCOATING. Project related physical, mechanical and chemical properties can vary for different coatings and must be verified separately for each application.

All information given herein is based on our best knowledge, which is supported by extensive research, development and application-experience, but AGRU undertakes no liability whatsoever in connection with the actual application and processing of the products nor of the above given information.

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TECHNICAL DEPARTMENT

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