

**FIXUM COAT - PATINEEROLIE**

Version number: 6E  
 Date: 18-10-2019

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

Name of substance: FIXUM COAT - Patineerolie

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

Patination of lead

**1.3 Details of the supplier of the safety**

Zinkunie BV  
 Van Salmstraat 46  
 5281 RS Boxtel  
 The Netherlands  
 T +31(0)411-688339 - F +31(0)411-688343  
 info@zinkunie.nl - www.zinkunie.nl

**1.4 Emergency telephone number in case of emergency**

NATIONAAL VERGIFTIGINGEN INFORMATIE CENTRUM (NVIC): +31302748888


**SECTION 2: Hazards Identification**

**2.1 Classification of the substance or mixture**

**Regulation (EC) No. 1272/2008 (CLP)**

Asp. Tox. 1:	May be fatal if swallowed and enters airways.
Aquatic Chronic 2:	Chronic aquatic toxicity.
Carc. 1B:	May cause cancer.
Flam. Liq. 3:	Flammable liquid and vapour.
Muta. 1B:	May cause genetic defects.
Eye Dam. 1:	Serious eye damage/irritation, Category 1.
Skin Sens. 1A:	May cause allergic skin reaction.
STOT RE 1:	Causes damage to organs through prolonged or repeated exposure.

**2.2 Label elements**

Hazard Pictogram(s)	 <p>GHS02   GHS05   GHS07   GHS08   GHS09</p>
Signal Word(s)	Danger
Hazard Statement(s)	H226 - Flammable liquid and vapour. H304 - May be fatal if swallowed and enters airways. H317 - May cause allergic skin reaction. H318 - Causes serious eye damage. H319 - Causes eye irritation. H340 - May cause genetic defects. H350 - May cause cancer. H372 - Causes damage to organs through prolonged or repeated exposure. H411 - Toxic to aquatic life with long lasting effects. EUH066 - Repeated exposure may cause skin dryness or cracking.
Precautionary Statement(s)	Obtain special instructions before use. P210 - Keep away from ignition sources. No smoking. P243 - Take action to prevent static discharges. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P271 - Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor. P308+P313 - IF exposed or concerned: Get medical advice/attention. P331 - Do NOT induce vomiting.

We aanvaarden geen aansprakelijkheid voor schade, van welke aard ook, welke voortvloeit uit het gebruik van deze gegevens of het desbetreffende product zou ontstaan. Productblad is onder voorbehoud van typ- en drukfouten.

### 2.3 Other hazards

Vapors are heavier than air. They can with air at temperatures above the flash point form explosive mixtures.  
 Risk of slipping due to leakage/spillage of product.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
White Spirit	64742-82-1	265-185-4 01-2119458049-33-0003	80	Asp. Tox. 1 H304 Muta. 1B H340 Carc. 1B H350 STOT RE 1 H372	GHS02 GHS07 GHS08 GHS09
cobalt bis(2-ethylhexanoate)	136-52-7	205-250-6 01-2009524678-29-xxxx	< 1	Skin Sens. 1A H317 Eye Irrit. 2 H319 Repr. 2 H361	GHS08 GHS07 GHS09
2-butanone oxime ethyl methyl ketoxime ethyl methyl ketone oxime	96-29-7	202-496-6 01-2119463273-41-xxxx	< 1	Acute Tox. 4 H312 Skin Sens. 1 H317 Eye Dam. 1 H318 Carc. 2 H351	GHS02 GHS05 GHS08 GHS07

## SECTION 4: First Aid Measures

### 4.1. Description of first aid measures

Skin Contact: Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 IF exposed or concerned: Get medical advice/attention.

Eye Contact: IF exposed or concerned: Get medical advice/attention.

Ingestion: Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

Inhalation: IF exposed or concerned: Get medical advice/attention.

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

Allergic contact dermatitis

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

IF exposed or concerned: Get medical advice/attention. Treat symptomatically.

## SECTION 5: Firefighting Measures

### 5.1 Extinguishing media

Suitable Extinguishing media: Foam, CO<sub>2</sub> or dry powder.  
 Unsuitable extinguishing media: Water jet spray.

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

Flammable liquid and vapour. Combustion or thermal decomposition will evolve toxic and irritant vapours.

### 5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions.

## SECTION 6: Accidental Release Measures

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

Ensure adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure full personal protection (including respiratory protection) during removal of spillages. Wear , impervious gloves, goggles, overalls and boots.

### 6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

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

Absorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

**6.4 Reference to other sections**

See also section 8, 13.

**SECTION 7: Handling and Storage****7.1 Precautions for safe handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

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

Store the product in a well-ventilated place. Storage temperatures from cool to ambient. Product is stable under normal conditions. Incompatible materials are not known.

**7.3 Specific end use(s)**

For application to lead to enhance and refresh the appearance.

**SECTION 8: Exposure Controls/Personal Protection****8.1 Control parameters**

Occupational Exposure Limits: 600mg/m<sup>3</sup>

**8.2 Exposure controls**

Appropriate engineering controls: Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Use with ventilation, local exhaust ventilation or breathing protection.

Respiratory protection: A suitable mask with filter type A (EN14387 or EN405) may be appropriate.

Skin protection: Wear protective clothing and gloves: Impervious gloves (EN 374).

Eye Protection: Wear eye protection with side protection (EN166).

Environmental Exposure Controls: Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

General protection and hygiene measures: Eating, drinking and smoking should be prohibited in areas where this substance is used, stored or processed. People handling the substance should wash their hands before eating, drinking or smoking.

**SECTION 9: Physical and Chemical Properties****9.1 Information on basic physical and chemical properties**

Appearance: Liquid.

Colour: Yellowish, Brown.

Odour: Solvent.

Melting point/freezing point: <-20 °C.

Initial boiling point and boiling range: ca. 152 °C.

Flash Point: ca. 36 °C.

Relative density: 0.783.

Solubility(ies) Soluble in: Most organic solvents.

Viscosity: Non-viscous / 0.93.

**9.2 Other information**

None.

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

None anticipated.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

### 10.4 Conditions to avoid

Avoid friction, sparks, or other means of ignition. Do not smoke.

### 10.5 Incompatible materials

Avoid strong oxidising agents, strong acids.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological Information

### 11.1 Information on toxicological effects

Acute toxicity - Ingestion:	Irritation.
Acute toxicity - Skin Contact:	Possible irritation.
Calculated acute toxicity estimate (ATE):	Calc ATE - 100000.00000.
Acute toxicity - Inhalation:	Not classified.
Skin corrosion/irritation:	Not classified.
Serious eye damage/irritation:	Not classified.
Skin sensitization data:	Not classified.
Respiratory sensitization data:	Not classified.
Germ cell mutagenicity:	Calculation method: May cause genetic defects.
Carcinogenicity:	Calculation method: May cause cancer.
Reproductive toxicity:	Not classified.
Lactation:	Not classified.
STOT - single exposure:	Not classified.
STOT - repeated exposure:	Calculation method: Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard:	May be fatal if swallowed and enters airways.

### 11.2 Other information

15.9 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

## SECTION 12: Ecological Information

### 12.1 Toxicity

Toxicity - Aquatic invertebrates:	Toxic to aquatic life with long lasting effects.
Toxicity - Fish:	Toxic to aquatic life with long lasting effects.
Toxicity - Algae:	Not known.
Toxicity - Sediment Compartment:	Not classified.
Toxicity - Terrestrial Compartment:	Not classified.

### 12.2 Persistence and Degradation

Low.

### 12.3 Bioaccumulative potential

Not know.

### 12.4 Mobility in soil

Mobile.

### 12.5 Results of PBT and vPvB assessment

Not known

### 12.6 Other adverse effects

Not know.

## SECTION 13: Disposal Considerations

### 13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers or watercourses. Do NOT landfill. Normal disposal is via incineration operated by an accredited disposal contractor. Dispose of this material and its container to hazardous or special waste collection point.

### 13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

## SECTION 14: Transport Information

### 14.1 UN number

UN No.: 1263

### 14.2 UN proper shipping name

UN proper shipping name: PAINT RELATED MATERIAL (including paint thinning and reducing compound).

### 14.3 Transport hazard class(es)

ADR/RID Class: 3  
IMDG Class: 3  
IMDG EMS: Not available.  
ICAO/IATA Excepted Quantities: E1  
Passenger and Cargo Aircraft Limited: Y344

#### Quantities Packing Instructions

Passenger and Cargo Aircraft Limited: 10L

#### Quantities Max net Qty

Passenger and Cargo Aircraft Packing: 355

#### Instructions

Passenger and Cargo Aircraft Max net: 60L

#### Qty

Cargo Aircraft Packing Instructions: 366  
Cargo Aircraft Max net Qty: 220L  
Special Provisions: A192  
Emergency Response Guidebook: 3L

#### (ERG) Code

ADR Classification Code: F1  
ADR HIN: 30  
ADR Transport Category: 3  
Tunnel Restriction Code: D/E  
Emergency Action Code: Not applicable.  
APP Advice on Additional Personal: Not applicable.  
Protection (APP)

### 14.4. Packing group

Packing group: III  
Labels: 3



Special Provisions: 163 640E 650  
Limited Quantities: 5 L  
Excepted Quantities: E1  
Mixed Packing Instructions for Packages: P001IBC03 LP01 R001  
Special Packing Provisions for Packages: PP1  
Mixed Packing Instructions for Packages: MP19

### 14.5 Environmental hazards

Environmental hazards: Classified as a Marine Pollutant.



**14.6 Special precautions for user**

Special precautions for user: Not known.

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

Packing Instructions for Portable Tanks: T2  
Special Provisions for Portable Tanks: TP1 TP29  
Tank Code for Tanks: LGBF  
Special Provisions for Tanks: Not applicable.  
Vehicle for Tank Carriage: FL  
Special Provisions for Carriage – Packages: V12  
Special Provisions for Carriage – Bulk: Not applicable.  
Special Provisions for Carriage – Loading: Not applicable.  
Unloading and Handling  
Special Provisions for Carriage – Operation: S2

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

European Regulations -

Authorisations and/or Restrictions: On Use.

Candidate List of Substances of Very High Concern for Authorisation: Not listed.

REACH: ANNEX XIV list of substances subject to authorisation: Not listed.

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:

2-butanone oxime ethyl methyl ketoxime ethyl methyl ketone oxime (96-29-7), naphtha (petroleum), hydrodesulphurized heavy Low boiling point hydrogen treated naphtha [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90 °C to 230 °C (194 °F to 446 °F).] (64742-82-1)  
butanone oxime (96-29-7)

Community Rolling Action Plan (CoRAP):

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants: Not listed.

Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer: Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals: Not listed

**National regulations**

Other Not known.

**15.2 Chemical Safety Assessment**

A REACH chemical safety assessment has not been carried out.

## RUBRIEK 16: Overige informatie

### 16.1 Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

### 16.2 LEGEND

#### 16.2.1 Hazard Pictogram(s)

GHS02:	Flammable.
GHS05:	Corrosive.
GHS07:	Harmful.
GHS08:	Health hazard.
GHS09:	Environmental hazard.

#### 16.2.2 Hazard classification

Acute Tox. 4:	Acute toxicity, Category 4.
Asp. Tox. 1:	Aspiration hazard, Category 1.
Carc. 1B:	Carcinogenicity, Category 1B.
Carc. 2:	Carcinogenicity, Category 2.
Eye Dam. 1:	Serious eye damage/irritation, Category 1.
Eye Irrit. 2:	Serious eye damage/irritation, Category 2.
Muta. 1B:	Germ cell mutagenicity, Category 1B.
Repr. 2:	Reproductive toxicity, Caegory 2.
STOT RE 1:	Specific target organ toxicity - repeated exposure, Category 1.
Skin Sens. 1:	Skin sensitization, Category 1.
vPvB:	Very Persistent and very Bioaccumulative.

#### 16.2.3 Hazard Statement(s)

H226:	Flammable liquid and vapour.
H304:	May be fatal if swallowed and enters airways.
H312:	Harmful in contact with skin.
H317:	May cause an allergic skin reaction.
H318:	Causes serious eye damage.
H319:	Causes eye irritation.
H340:	May cause genetic defects.
H350:	May cause cancer.
H351:	Suspected of causing cancer.
H361:	Suspected of damaging fertility or the unborn child.
H372:	Causes damage to organs through prolonged or repeated exposure.
H411:	Toxic to aquatic life with long lasting effects.
EUH066:	Repeated exposure may cause skin dryness or cracking.

#### 16.2.4 Precautionary Statement(s)

P201:	Obtain special instructions before use.
P202:	Do not handle until all safety precautions have been read and understood.
P210:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233:	Keep container tightly closed.
P240:	Ground/bond container and receiving equipment.
P241:	Use explosion-proof electrical/ventilating/lighting/equipment.
P242:	Use only non-sparking tools.
P243:	Take precautionary measures against static discharge.
P260:	Do not breathe dust/fume/gas/mist/vapours/spray.
P264:	Wash hands and exposed skin thoroughly after handling.
P270:	Do not eat, drink or smoke when using this product.
P273:	Avoid release to the environment.
P280:	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310:	IF SWALLOWED: Immediately call a doctor.
P303+P361+P353:	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P308+P313:	IF exposed or concerned: Get medical advice/attention.
P314:	Get medical advice/attention if you feel unwell.
P331:	Do NOT induce vomiting.
P370+P378:	In case of fire: Use water to extinguish.
P391:	Collect spillage.
P403+P235:	Store in a well-ventilated place. Keep cool.
P405:	Store locked up.
P501:	Dispose of contents in accordance with local, state or national legislation.

#### 16.2.5 Acronyms

ADN:	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service.
CLP:	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
DNEL:	Derived No Effect Level EC : European.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
IATA:	International Air Transport Association.
IBC:	Intermediate Bulk Container.
ICAO:	International Civil Aviation Organization.
IMDG:	International Maritime Dangerous Goods.
LTEL:	Long term exposure limit.
PBT:	Persistent, Bioaccumulative and Toxic.
PNEC:	Predicted No Effect Concentration.
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals.
RID:	Regulations concerning the International Carriage of Dangerous Goods by Rail.
STEL:	Short term exposure limit.
STOT:	Specific Target Organ Toxicity.
UN:	United Nations.

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