**Sheet**

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| SECTION 1. Identification of the substance/mixture and the company/undertaking |

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| **1.1. Product identifier** | |
| Code: | **R-002** |
| Denomination | **Tyrkys Bianco** |
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| **1.2. Identified relevant uses of the substance or mixture and uses advised against** | |
| Description/Use: | Hydro paint |

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| |  | | --- | | **1.3. Information on the provider of the safety data sheet** | | |
| Name | **ITALMONT S.R.L.** |
| Address | **Via IV Novembre,13** |
| Location and State | **63078 Pagliare del Tronto(AP)** |
|  | **Italia** |
|  | **tel. 0736 899238** |
|  | **fax 0736 899489** |
| e-mail of the competent person, |  |
| responsible for the safety data sheet | **sdsitalmont@gmail.com** |
|  |  |

|  |  |
| --- | --- |
| **1.4. Emergency telephone number** | |
| For urgent information, please contact: | **Italmont s.r.l.  Tel. +Tel. +39 0736 899238 fax +39 0736 899489 ore ufficio**  **Centro Antiveleni A.O.R.N. A. Cardarelli Napoli**  **Tel. +39 081 7472870 - 081 5753333 fax +39 081 7472868 Disponibilità 24 h** |

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| **SECTION 2. Hazard identification** |

**2.1. Classification of the substance or mixture**

The product is not classified as dangerous in accordance with the provisions of Regulation (EC) 1272/2008 (CLP) (as amended and adapted).

Hazard classification and indications:

**2.2. Label elements**

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| Hazard pictograms: | -- |

|  |  |
| --- | --- |
| Warnings: | -- |

Hazard statements:

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Precautionary statements:

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**2.3. Other hazards**

From the available data, the product does not contain PBT or vPvB substances in excess of 0.1%.

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| **SECTION 3. Composition/ingredient information** |

**3.1. Substances**

Irrelevant information

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| **3.2. Mixtures** |

The product does not contain substances classified as hazardous to health or the environment in accordance with the provisions of Regulation (EU) 1272/2008 (CLP) (as subsequently amended and adapted) in quantities that require declaration.

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| **SECTION 4. First aid measures** |

**4.1. Description of first aid measures**

Not specifically necessary. In any case, compliance with the rules of good industrial hygiene is recommended.

**4.2. Main symptoms and effects, both acute and delayed**

No specific information is known on the symptoms and effects caused by the product.

**4.3. Indication of whether medical advice is needed immediately and special treatment**

Information not available

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| **SECTION 5. Fire-fighting measures** |

**5.1. Extinguishing media**

SUITABLE EXTINGUISHING MEDIA

The means of extinguishing are the traditional ones: carbon dioxide, foam, dust and water spray.

UNSUITABLE EXTINGUISHING MEDIA

No one in particular.

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

HAZARDS DUE TO EXPOSURE IN CASE OF FIRE

Avoid breathing combustion products.

**5.3. Recommendations for firefighters**

GENERAL INFORMATION

Cool the containers with water jets to avoid decomposition of the product and the development of substances potentially hazardous to health. Always wear full fire protection equipment. Collect extinguishing water that should not be discharged into the fognature. Smaltire l'acqua contaminata usata per l'estinzione ed il residuo of the fire according to the regulations in force.

EQUIPMENT

Normal firefighting clothing, such as an open-circuit compressed air breathing apparatus (EN 137), flame retardant (EN469), flame retardant gloves (EN 659) and firefighters' boots (HO A29 or A30).

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| **SECTION 6. Measures in case of accidental release** |

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

In case of vapors or dust dispersed in the air, adopt respiratory protection. These indications are valid both for workers and for emergency interventions.

**6.2. Environmental precautions**

Prevent the product from entering sewers, surface water, groundwater.

**6.3. Methods and materials for containment and remediation**

Dam with earth or inert material. Collect most of the material and remove the residue with jets of water. The disposal of contaminated material must be carried out in accordance with the provisions of point 13.

**6.4. Reference to other sections**

Any information regarding personal protection and disposal is given in sections 8 and 13.

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| **SECTION 7. Handling and storage** |

**7.1. Precautions for safe handling**

Handle the product after consulting all other sections of this safety data sheet. Avoid dispersion of the product into the environment. Do not eat, drink or smoke during use.

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

Keep the product in clearly labeled containers. Keep containers away from any incompatible materials, checking section 10.

**7.3. Special end-uses**

Information not available

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| **SECTION 8. Exposure control/personal protection** |

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| **8.1. Control parameters** |

Information not available

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| **8.2. Exposure controls** |

Observe the usual safety measures when handling chemicals.

HAND PROTECTION

Not necessary.

SKIN PROTECTION

Not necessary.

EYE PROTECTION

Not necessary.

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) of the substance or of one or more of the substances present in the product is exceeded, it is advisable to wear a type B filter mask whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use. (ref. EN 14387). If gases or vapours of different nature and/or gases or vapours with particles (aerosols, fumes, mists, etc.) are present, combined filters must be provided.

The use of respiratory protection means is necessary if the technical measures taken are not sufficient to limit the exposure of the worker to the threshold values taken into account. The protection offered by masks is however limited.

If the substance in question is odourless or its olfactory threshold is higher than the relevant TLV-TWA and in case of emergency, wear an open-circuit compressed air breathing apparatus (ref. EN 137) or an external air intake respirator (ref. EN 138). For the correct choice of respiratory protective equipment, refer to EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

Emissions from production processes, including from ventilation equipment, should be checked for compliance with environmental protection legislation.

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| **SECTION 9. Physical and chemical properties** |

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| **9.1. Information on basic physical and chemical properties** |

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| --- | --- |
| Physical state | Unavailable |
| Color | Unavailable |
| Smell | Unavailable |
| Olfactory threshold | Unavailable |
| pH | 8 - 9 |
| Melting or freezing point | 0 °C |
| Initial boiling point | > 100 °C |
| Boiling range | Unavailable |
| Flash point | Unavailable |
| Evaporation rate | Unavailable |
| Flammability of solids and gases | Unavailable |
| Lower flammability limit | Unavailable |
| Upper flammability limit | Unavailable |
| Lower explosive limit | Unavailable |
| Upper explosive limit | Unavailable |
| Vapour pressure | Unavailable |
| Vapour density | Unavailable |
| Relative density | 1,54 |
| Solubility | Miscible |
| Partition coefficient: n-octanol/water | Unavailable |
| Auto-ignition temperature | Unavailable |
| Decomposition temperature | Unavailable |
| Viscosity | 8000 – 9500 cPs |
| Explosive properties | Unavailable |
| Oxidizing properties | Unavailable |

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| **9.2. Other information** |

Information not available

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| **SECTION 10. Stability and responsiveness** |

**10.1. Reactivity**

Non vi sono particolari pericoli di reazione con altre sostanze nelle normali condizioni di impiego.

**10.2. Chemical stability**

The product is stable under normal conditions of use and storage.

**10.3. Possibility of hazardous reactions**

Under normal conditions of use and storage, no hazardous reactions are foreseeable.

**10.4. Conditions to be avoided**

None in particular. However, be cautious about chemicals.

**10.5. Incompatible materials**

Information not available

**10.6. Hazardous decomposition products**

Information not available

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| **SECTION 11. Toxicological information** |

There are no known incidents of damage to health due to exposure to the product. In any case, it is recommended to operate in compliance with the rules of good industrial hygiene.

**11.1. Information on toxicological effects**

Metabolism, kinetics, mechanism of action and other information

Information not available

Information on probable routes of exposure

Information not available

Immediate, delayed and chronic effects from short- and long-term exposures

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

LC50 (Inhalation) of the mixture:

Not classified (no relevant component)

LD50 (Oral) of the mixture:

Not classified (no relevant component)

LD50 (Cutaneous) of the mixture:

Not classified (no relevant component)

Calcium carbonate

LD50 (Orale) > 5000 mg/kg Ratto

titanium dioxide

LD50 (Oral) > 5000 mg/kg

LC50 (Inhalation) > 6.82 mg/l/4h rat

kaolin, calcined

LD50 (Orale) > 20000 mg/kg Ratto

SKIN CORROSION / SKIN IRRITATION

Does not meet the classification criteria for this hazard class

SEVERE EYE DAMAGE / EYE IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITIZATION

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

HAZARD IN CASE OF SUCTION

Does not meet the classification criteria for this hazard class

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| **SECTION 12. Ecological information** |

Use according to good working practices, avoiding dispersing the product in the environment. Notify the competent authorities if the product has reached watercourses or if it has contaminated the soil or vegetation.

**12.1. Toxicity**

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| --- | --- | --- |
| Calcium carbonate |  |  |
| LC50 - Fish |  | > 100000 mg/l/96h Oncorhynchus mykiss (Trota Iridea) |
| EC50 - Crustaceans |  | > 1000 mg/l/48h Daphnia magna |
| EC50 - Algae / Aquatic Plants |  | > 200 mg/l/72h Desmodesmus subspicatus |

|  |  |  |
| --- | --- | --- |
| titanium dioxide |  |  |
| LC50 - Fish |  | > 100 mg/l/96h |
| EC50 - Crustaceans |  | > 100 mg/l/48h Dafnia |

|  |  |  |
| --- | --- | --- |
| kaolin, calcined |  |  |
| LC50 - Fish |  | > 100 mg/l/96h Oncorhynchus mykiss |
| EC50 - Crustaceans |  | > 1 mg/l/48h Daphnia magna |
| EC50 - Algae / Aquatic Plants |  | > 100 mg/l/72h Scenedesmus subspicatus |

**12.2. Persistence and degradability**

Information not available

**12.3. Bioaccumulation potential**

Information not available

**12.4. Mobility in soil**

Information not available

**12.5. Results of PBT and vPvB assessment**

From the available data, the product does not contain PBT or vPvB substances in excess of 0.1%.

**12.6. Other adverse effects**

Information not available

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| **SECTION 13. Disposal Considerations** |

**13.1. Waste treatment methods**

Reuse, if possible. Residues of the product as such are to be considered non-hazardous special waste.

Disposal must be entrusted to a company authorized to manage waste, in compliance with national and possibly local legislation.

CONTAMINATED PACKAGING

Contaminated packaging must be sent for recovery or disposal in accordance with national waste management rules.

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| **SECTION 14. Transport information** |

The product is not to be considered dangerous under the provisions in force on the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).

**14.1. UN number**

Not applicable

**14.2. UN Shipping Name**

Not applicable

**14.3. Transport hazard classes**

Not applicable

**14.4. Packing group**

Not applicable

**14.5. Environmental hazards**

Not applicable

**14.6. Special precautions for users**

Not applicable

**14.7. Carriage of bulk cargoes according to Annex II to MARPOL and IBC Code**

Irrelevant information

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| **SECTION 15. Regulatory information** |

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| **15.1. Health, safety and environmental laws and regulations specific to the substance or mixture** |

Category Seveso - Directive 2012/18/EC: None

Restrictions on the product or substances contained in accordance with Annex XVII Regulation (EC) 1907/2006

None

Sostanze in Candidate List (Art. 59 REACH)

From the available data, the product does not contain SVHC substances in excess of 0.1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to export notification Reg. (EC) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Health Checks

Information not available

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| **15.2. Chemical safety assessment** |

A chemical safety assessment has not been prepared for the mixture and the substances it contains.

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| **SECTION 16. Other information** |

LEGEND:

- ADR: European Agreement concerning the Carriage of Dangerous Goods by Road

- CAS NUMBER: Numero del Chemical Abstract Service

- EC50: Concentration that gives effect to 50% of the test population

- CE NUMBER: Identification number in ESIS (European Repository of Existing Substances)

- CLP: EC Regulation 1272/2008

- DNEL: Derived layer with no effect

- EmS: Emergency Schedule

- GHS: Global Harmonized System for Classification and Labelling of Chemicals

- IATA DGR: International Air Transport Association Dangerous Goods Regulations

- IC50: Immobilization concentration of 50% of the tested population

- IMDG: International Maritime Code for the Transport of Dangerous Goods

- IMO: International Maritime Organization

- INDEX NUMBER: Identification number in Annex VI of CLP

- LC50: Lethal concentration 50%

- LD50: Lethal dose 50%

- OEL: Level of occupational exposure

- PBT: Persistent, bioaccumulative and toxic according to REACH

- PEC: Predictable environmental concentration

- PEL: Predictable level of exposure

- PNEC: Predicted no-effect concentration

- REACH: EC Regulation 1907/2006

- RID: Regulations for the International Carriage of Dangerous Goods by Rail

- TLV: Threshold limit value

- TLV CEILING: Concentration that must not be exceeded during any time of occupational exposure.

- TWA STEL: Short-term exposure limit

- TWA: Weighted average exposure limit

- VOC: Volatile organic compound

- vPvB: Very persistent and very bioaccumulative according to REACH

- WGK: Aquatic hazard class (Germany).

GENERAL BIBLIOGRAPHY:

1. Regulation (EC) 1907/2006 of the European Parliament (REACH)

2. Regulation (EC) 1272/2008 of the European Parliament (CLP)

3. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)

4. Regulation (EU) 2015/830 of the European Parliament

5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)

6. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)

7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)

8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)

9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)

10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)

11. Regulation (EU) 2016/918 of the European Parliament (VIII Atp. CLP)

12. Regulation (EU) 2016/1179 (IX Atp. CLP)

13. Regulation (EU) 2017/776 (X Atp. CLP)

- The Merck Index. - 10th Edition

- Handling Chemical Safety

- INRS - Fiche Toxicologique (toxicological sheet)

- Patty - Industrial Hygiene and Toxicology

- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition

- Sito Web IFA GESTIS

- Website Agenzia ECHA

- Database of SDS models of chemical substances - Ministry of Health and Istituto Superiore di Sanità

Note to user:

The information contained in this sheet is based on the knowledge available to us at the date of the last version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product.

This document should not be interpreted as a guarantee of any specific property of the product.

Since the use of the product does not fall under our direct control, it is the user's obligation to observe under his own responsibility the laws and regulations in force regarding hygiene and safety. They do not assume responsibility for improper use.

Provide appropriate training to personnel involved in the use of chemicals.