

**ITALMONT S.R.L.**

Revision n. 1

Revision date 03/07/2018

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Sheet

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

1.1. Product identifier

Code:

R-002

Denomination

Tyrkys Bianco**1.2. Identified relevant uses of the substance or mixture and uses advised against**Description/Use: **Hydro paint****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**

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

Hazard pictograms: --

Warnings: --

Hazard statements:

--

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%.

SECTION 3. Composition/ingredient information

3.1. Substances

Irrelevant information

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.

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

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



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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).

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.

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

SECTION 8. Exposure control/personal protection

8.1. Control parameters

Information not available

8.2. Exposure controls

Observe the usual safety measures when handling chemicals.

HAND PROTECTION

Not necessary.

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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.

SECTION 9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

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

9.2. Other information

Information not available

SECTION 10. Stability and responsiveness**10.1. Reactivity**

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



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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

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)



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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

Calcium carbonate

LC50 - Fish > 100000 mg/l/96h *Oncorhynchus mykiss* (Trotta 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

SECTION 13. Disposal Considerations

13.1. Waste treatment methods

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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.

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



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Irrelevant information

SECTION 15. Regulatory information

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

15.2. Chemical safety assessment

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

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



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- 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.