

SAFETY DATA SHEET



Date of issue / Date of revision

:2 December 2016Version

:5.01

SECTION 1: identification of the substance / mixture and of the company / undertaking

1.1 Product identifier Product

name : UNIVER COPRIMAC PRIMER
Product code : 00322145
Other means of identification : Unavailable.

1.2 Relevant identified uses of the substance or mixture and uses advised

against Product use : Consumer applications, Professional applications, Used by spraying. Coating.
Use of the substance / mixture :

1.3 Details of the supplier of the safety data sheet

PPG UNIVER Spa
 Via Monte Rosa 7
 28010 Cavallirio (NO)
 Italy
 Tel: +39 (0) 163806611
 Fax: +39 (0) 163806696

E-mail address of the person responsible for the safety data sheet :univer@ppg.com

1.4 Emergency telephone number

Supplier

Telephone number :

+ 39 (0) 163806663

In case of emergency or intoxication call the POISON CENTER HOSPITAL OF NIGUARDA (MILAN) TEL. +39 (0) 2 66101029

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition:Blend

Classification according to EC Regulation No. 1272/2008 [CLP / GHS]

Not classified.

This product is not classified as dangerous according to Regulation (EC) 1272/2008 and subsequent amendments.

See section 16 for the full text of the hazard statements mentioned above. For more detailed information on health effects and symptoms, see Section 11.

2.2 Label elements

Warning : No warnings.

Hazard statements : No known significant effects or critical hazards.

Precautionary advice

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SECTION 2: Hazards identification

General	: Keep out of reach of children. If you need to consult a doctor, have the container or the label of the product available.
Prevention	: Not applicable.
Reaction	: Not applicable.
storage	: Not applicable.
Disposal	: Not applicable. P102, P101
Dangerous ingredients	: Not applicable.
Additional elements of the label	: Contains 1,2-benzisothiazol-3 (2H) -one and 2-methyl-2H-isothiazol-3-one. It can cause an allergic reaction.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain substances, preparations and articles dangerous	: Not applicable.
<u>Special Packaging Obligations</u>	
Containers that must be equipped with a child safety lock	: Not applicable.
Tactile warning of danger	: Not applicable.

2.3 Other dangers

Other dangers not mentioned in the classification	: None known.
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SECTION 3: Composition / information on ingredients

3.2 Mixtures :Blend

Product name/ ingredient	Identifiers	% by Weight	<u>Classification</u> Regulation (EC) n. 1272/2008 [CLP]	<u>Guy</u>
titanium dioxide	REACH #: 01-2119489379-17 EC: 236-675-5 CAS number: 13463-67-7	≥5.0 - ≤10	Not classified.	[2]

There are no additional ingredients which, in the current knowledge of the supplier and in the applicable concentrations, are classified as harmful to health or the environment, meet the PBT or vPvB criteria, or which have been assigned an occupational exposure limit and which must therefore be reported in this section.

Guy

- [1] Substance presenting a health or environmental hazard
- [2] Substance for which there are workplace exposure limits
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern

Occupational exposure limits, if known, are listed in section 8. **SUB codes**

represent substances that have no registered CAS number.

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SECTION 3: Composition / information on ingredients

SECTION 4: first aid measures

4.1 Description of first aid measures **Contact**

- with eyes** : Remove contact lenses, rinse thoroughly with clean, fresh water, holding the eyelids open for at least 10 minutes and seek immediate medical attention.
- Inhalation** : Bring to fresh air. Keep the person warm and at rest. In case of lack of breathing, irregular breathing or respiratory arrest, give artificial respiration or have oxygen administered by trained personnel.
- Skin contact** : Remove contaminated clothing and shoes. Wash thoroughly with soap and water or use an effective skin cleanser. DO NOT use solvents or thinners.
- Ingestion** : If swallowed, seek medical advice immediately and show the container or label. Keep the person warm and at rest. DO NOT induce vomiting.
- Protection of rescuers** : No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed Potential acute health effects

- Eye contact** : No known significant effects or critical hazards. No
- Inhalation** : known significant effects or critical hazards. No
- Skin contact** : known significant effects or critical hazards. No
- Ingestion** : known significant effects or critical hazards.

Signs / Symptoms of overexposure

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

4.3 Indication of any immediate medical attention and special treatment needed **Notes to physician**

- : Treat symptomatically. If large quantities are ingested or inhaled, contact a poison control center immediately.
- Specific treatments** : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

5.2 Special hazards arising from the substance or mixture

- Hazards arising from the substance or mixture** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous Combustion Products** : Decomposition products may include the following materials: carbon oxides
metal oxide / oxides

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SECTION 5: Firefighting measures

5.3 Recommendations for firefighters

- Special precautions for firefighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire fighters (including helmets, protective boots and gloves) complying with the European standard EN 469 will provide basic level protection for chemical accidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- For those who do not intervene directly** : No action shall be taken involving any personal risk or without suitable training. Evacuate the surrounding areas. Prevent the entry of foreign and unprotected personnel. Do not touch or walk on the spilled material. Wear suitable personal protective equipment.
- For those who intervene directly** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency service operators".

- 6.2 Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, earth or air).

6.3 Methods and materials for containment and cleaning

- up Small spill** : Stop the escape if there is no risk. Move containers from spill area. Dilute with water and absorb if water-soluble. Alternatively, or if insoluble in water, absorb with dry inert material and dispose of in appropriate waste container. Dispose of via an authorized waste disposal company.
- Large payout** : Stop the escape if there is no risk. Move containers from spill area. Prevent leakage into sewer systems, waterways, basements or confined areas. Wash and convey the spilled quantities to a sewage treatment plant or proceed as follows. Conclude and collect any spills with non-combustible absorbent material, such as sand, earth, vermiculite, diatomite and dispose of the product in a container in compliance with current legislation. Dispose of via an authorized waste disposal company.

- 6.4 Reference to other sections** : For emergency telephone numbers, see Section 1.
See Section 8 for information on appropriate personal protective equipment.
For more information on waste treatment, refer to Section 13.

SECTION 7: handling and storage

The information contained in this section contains general information and warnings. Refer to the list of Identified Uses in Section 1 for specific information available provided in the exposure scenario (s).

7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). It is forbidden to eat, drink and smoke in areas where the material is handled, stored or treated. People using the product should wash their hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering the refectory areas.

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SECTION 7: handling and storage

Warnings on general occupational hygiene practices	: It is forbidden to eat, drink and smoke in areas where the material is handled, stored or treated. People using the product should wash their hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering the refectory areas. See also Section 8 for more information on hygiene measures.
7.2 Conditions for safe storage, including any incompatibility	: Storage temperature: 5 to 35 ° C (41 to 95 ° F). Arrange for storage in compliance with current legislation. Store in the original container protected from direct sunlight in a dry, cool and well-ventilated area, away from other incompatible materials (see Section 10) and from food and drink. Keep container tightly closed and sealed until ready for use. Open containers must be carefully resealed and kept straight to prevent accidental product spillage. Do not store in unlabeled containers. Provide adequate containment systems to avoid environmental pollution.
7.3 Specific end uses	
Warnings	: Unavailable.
Specific guidelines for the industrial sector	: Unavailable.

SECTION 8: Exposure controls / personal protection

The information contained in this section contains general information and warnings. Refer to the list of Identified Uses in Section 1 for specific information available provided in the exposure scenario (s).

8.1 Control parameters

Occupational exposure limits

Name of the product / ingredient	Exposure limit values
titanium dioxide	ACGIH TLV (United States, 3/2015). TWA: 10 mg / m ³ 8 hours.

Monitoring Procedures: Recommended	<p>If this product contains ingredients with exposure limits, personal, workplace atmosphere and biological monitoring may be required to determine the effectiveness of ventilation or other control measures and / or the need to use protective equipment respiratory. Refer to the monitoring standards, such as the following: European standard EN 689 (Atmosphere in the workplace - Guidance on the assessment of exposure by inhalation to chemical compounds for the purpose of comparison with limit values and measurement strategy) Standard European EN 14042 (Atmospheres in the workplace - Guide to the application and use of procedures for assessing exposure to chemical and biological agents) European standard EN 482 (Atmospheres in</p> <p>- General requirements for the performance of procedures for the measurement of chemical agents) Reference should also be made to national guidance documents on methods for the determination of hazardous substances.</p>
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<u>DNEL</u>	DNEL - Not available.
<u>PNEC</u>	PNEC - Not available.

8.2 Exposure controls

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SECTION 8: Exposure controls / personal protection

- Appropriate technical checks** : Good general ventilation should be sufficient to control operator exposure to air pollutants.
- Individual protection measures**
- Hygiene measures** : Before eating, smoking and using the lavatory and at the end of the working period, wash your hands, arms and face thoroughly after handling chemicals. Appropriate techniques should be used to remove potentially contaminated clothing. Wash the contaminated garments before reusing them. Make sure that the eyewash stations and emergency showers are close to the place of use.
- Eye / face protection** : Protective glasses with side shields.
- Skin protection**
- Hand protection** : Chemical resistant and impermeable gloves conforming to approved standards should always be used when handling chemicals if the risk assessment indicates this is necessary.
- Gloves** : polyethylene
- Body protection device** : Personal protective equipment for the body must be chosen according to the risks foreseen for the job performed and approved by qualified personnel before using them for handling this product.
- Other devices of skin protection** : Choose appropriate footwear and any additional skin protection measures based on the activity being carried out and the inherent risks. Such choices must be approved by a specialist before handling this product.
- Respiratory protection** : Respirator selection should be based on known or anticipated exposure levels, the hazards of the product and the safe operating limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, use appropriate, certified respirators. Use a custom-made air-purified or fresh-air respirator that meets approved standards if the risk assessment indicates this is necessary. Filter type: Organic vapor (Type A) and P3 particle filter
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, it will be necessary to perform fume scrubbing, add filters, or make technical changes to process equipment to reduce emissions to acceptable levels.

SECTION 9: physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

- Physical state** : Liquid.
- Color** : Unavailable.
- Odor** : Unavailable.
- Odor threshold** : Unavailable.
- pH** : 8
- Melting point / freezing point** : May begin to solidify at the following temperature: 0 ° C (32 ° F) Based on data for the following ingredient: water.
- Initial boiling point and boiling range** : > 37.78 ° C
- Flash point** : Closed cup: Not applicable.
- Evaporation rate** : Unavailable.
- The material supports combustion.** : Yup.

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SECTION 9: physical and chemical properties

Flammability (solid, gas)	: liquid
Vapor pressure	: Highest known value: 3.2 kPa (23.8 mm Hg) (at 20 ° C) (water).
Relative density	: 1.24
Solubility (the solubilities)	: Partially soluble in the following materials: cold water.
Partition coefficient: noctanol / water	: Not applicable.
Temperature of self-ignition	: Unavailable.
Temperature of decomposition	: The product is stable under the recommended handling and storage conditions (see section 7).
Viscosity	: Kinematic (40 ° C):> 0.21 cm ² / s
Viscosity	: 60 - 100 s (ISO 6mm)
Explosive properties	: The product does not present a risk of explosion.
Oxidizing properties	: The product is not reactive (non oxidizing).

9.2 Other information

No additional information.

SECTION 10: stability and reactivity

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	:The product is stable.
10.3 Possibility of hazardous reactions	:Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: If exposed to high temperatures it can produce dangerous decomposition products. Consult the protective measures listed in sections 7 and 8.
10.5 Incompatible materials:	To avoid strong exothermic reactions, keep away from the following materials: oxidizing agents, strong alkalis, strong acids.
10.6 Products of dangerous decomposition	: Depending on the conditions, decomposition products may include the following materials: carbon oxides metal oxide / oxides

SECTION 11: toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product name/ ingredient	Result	Species	Dose	Exposure
titanium dioxide	DL50 Oral	Rat	> 11 g / kg	-

Conclusion / Summary :Unavailable.

Acute toxicity estimates

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SECTION 11: toxicological information

Street	Acute Toxicity Assessment
Unavailable.	

Irritation / Corrosion

Conclusion / Summary : Unavailable.

Awareness raising

Conclusion / Summary : Unavailable.

Mutagenicity

Conclusion / Summary : Unavailable.

Carcinogenicity

Conclusion / Summary : Unavailable.

Reproductive toxicity

Conclusion / Summary : Unavailable.

Teratogenicity

Conclusion / Summary : Unavailable.

Specific target organ toxicity (STOT) - single exposure Unavailable.

Specific target organ toxicity (STOT) - repeated exposure Unavailable.

Aspiration hazard Unavailable.

Route information likely to be exposed : Unavailable.

Potential acute health effects

Inhalation : No known significant effects or critical hazards. No

Ingestion : known significant effects or critical hazards. No

Skin contact Eye : known significant effects or critical hazards. No

contact : known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation : No specific data.

Ingestion : No specific data.

Skin contact Eye : No specific data.

contact : No specific data.

Delayed and immediate effects and chronic effects from short and long term exposure

Short-term exposure

Potential effects immediate : Unavailable.

Potential delayed effects_ : Unavailable.

Long-term exposure

Potential effects immediate : Unavailable.

Potential delayed effects_ : Unavailable.

Potential Chronic Health Effects

Unavailable.

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SECTION 11: toxicological information

Conclusion / Summary	: Unavailable.
General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Effects on development	: No known significant effects or critical hazards.
Effects on fertility	: No known significant effects or critical hazards.
Other information	: Unavailable.

There are no data available on the mixture itself. This product is not classified as dangerous according to Regulation (EC) 1272/2008 and subsequent amendments.

Repeated or prolonged contact with the mixture can result in the removal of natural skin fat, resulting in non-allergic contact dermatitis and absorption through the skin.

Contact of the liquid with the eyes can cause irritation and reversible damage.

If known, the delayed and immediate effects, as well as the chronic effects of the components deriving from short and long-term exposure, by the oral and dermal route, by inhalation and by contact with the eyes, are taken into account.

Contains 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3 (2H) -one. It can cause an allergic reaction.

SECTION 12: ecological information

12.1 Toxicity

Product name/ ingredient	Result	Species	Exposure
titanium dioxide	Acute LC50> 100 mg / l Fresh water	Daphnia - Daphnia magna	48 hours

Conclusion / Summary :Unavailable.

12.2 Persistence and degradability

Conclusion / Summary :Unavailable.

12.3 Bioaccumulative potential

Unavailable.

12.4 Mobility in soil

Soil / water partition coefficient (K_{oc}) : Unavailable.

Mobility : Unavailable.

12.5 Results of PBT and vPvB PBT

assessment : Not applicable.

vPvB : Not applicable.

12.6 Other adverse effects :No known significant effects or critical hazards.

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SECTION 13: Disposal considerations

The information contained in this section contains general information and warnings. Refer to the list of Identified Uses in Section 1 for specific information available provided in the exposure scenario (s).

13.1 Waste treatment methods

Product

Methods of disposal : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products must always be carried out in accordance with the legal indications on environmental protection and waste disposal and the requirements of each relevant local authority. Dispose of surplus and non-recyclable products through an authorized waste disposal company. Untreated waste should not be disposed of in the sewer system unless it fully complies with the requirements of each entity and legislation.

Hazardous waste : Based on the current knowledge of the supplier, this product is not included in the hazardous waste of EU directive 2008/98 / EC.

European Waste Catalog

Rejection code	Waste designation
08 01 12	waste paint and varnish other than those mentioned in 08 01 11

Packing

Methods of disposal :The generation of waste should be avoided or minimized wherever possible. The waste packaging must be recycled. Incineration or landfilling should only be considered when recycling is not practicable.

Type of packaging	European Waste Catalog
Container	15 01 06 mixed material packaging

Special precautions : Do not dispose of the product and the container except with due precautions. Empty containers or liners can retain product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. Transport information

	ADR / RID	ADN	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 Name of shipment of the UN	-	-	-	-
14.3 Classes of connected danger to transport	-	-	-	-
14.4 Group of packaging	-	-	-	-
14.5 Dangers for the environment	No.	No.	No.	No.
Substances marine pollutants	Not applicable.	Not applicable.	Not applicable.	Not applicable.

Additional information

ADR / RID :No elements identified.

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14. Transport information

ADN : The product is regulated as an environmentally hazardous substance only when transported in
IMDG : tankers. No elements identified.
IATA : No elements identified.

Special precautions for users : **Transport within the user's property:** always carry out transport with closed containers, stored vertically and secured to the means of transport. Verify the suitability of the persons carrying out the transport to intervene effectively in the event of an accident and / or spill.

SECTION 15: Regulatory information

15.1 Health, safety and environmental legislation and regulations specific to the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Annex XIV

None of the components are listed.

Substances of Extremely Concern

None of the components are listed.

Annex XVII - Restrictions: Not applicable. in the field of manufacturing, placing on the market and use of certain substances, preparations and articles dangerous

Other EU regulations

Seveso Directive

This product is controlled under the Seveso directive.

National standards

References

:: Rules on classification and labeling of substances and mixtures.
Regulation (EC) n. 1272/2008 of the European Parliament and of the Council, of 16 December 2008, relating to the classification, labeling and packaging of substances and mixtures (CLP) and subsequent amendments and additions. ;
Table of harmonized classifications and labeling - Annex VI, Part 3 of Regulation (EC) no. 1272/2008 (CLP) and subsequent amendments and additions. ;
The following substances may be present in the formulations of PPG products: (to verify the actual presence, see Section 3)
- Solvent Naphtha CAS No. 64742-95-6
- Solvent Naphtha CAS No. 64742-82-1
- Solvent Naphtha CAS No. 64742-48-9
- Solvent Naphtha CAS No. 64742-49-0
These substances can be classified as carcinogenic or mutagenic if certain impurities contained are equal to or greater than 0.1%, as per Note P of the regulation itself. PPG has verified this possibility with the suppliers who have sent safety data sheets and written declarations, which certify that the aforementioned substances are not classifiable as carcinogenic or mutagenic as any impurities present have a concentration much lower than the classification limits.

; Seveso regulation
Legislative Decree No. 105 of 26 June 2015 - Implementation of Directive 2012/18 / EU relating to the control of the danger of major accidents associated with substances

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SECTION 15: Regulatory information

dangerous (Seveso III).

For application, refer to the product labeling classification reported in this sheet.

; Water Regulations

Refer to Legislative Decree 152/2006 Part Three and subsequent amendments and additions.

; Waste legislation

Follow the provisions of Legislative Decree 152/2006 Part Four and subsequent amendments and additions, referring to the European Waste Catalog (CER) for classification.

; Air Regulations

Refer to Legislative Decree 152/2006 Part Five and subsequent amendments and additions.

; Other regulations

Other rules governing safety and environmental protection are, when applicable, the following:

- Legislative Decree No. 81 of 09/04/2008 - Regulations on the protection of health and safety in the workplace.

- Legislative Decree No. 152 of 03/04/2006 - Environmental regulations. ; Please also refer to any other applicable provision.

15.2 Evaluation of chemical safety

:No chemical safety assessment has been carried out.

SECTION 16: other information

Indicates information that has changed from previously issued.

Abbreviations and acronyms : ATE = Estimation of Acute Toxicity
CLP = Classification, Labeling and Packaging [Regulation (EC) No. 1272/2008] DNEL = Derived No Effect Level
EUH statement = CLP specific risk provisions PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP / GHS]

Classification	Justification
Not classified.	

Full text of abbreviated hazard statements Not applicable.

Full text of classifications [CLP / GHS] Not applicable.

History

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Prepared by : EHS

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Disclaimer of Liability

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SECTION 16: other information

The information contained in this safety data sheet is based on the current state of our scientific and technical knowledge. The purpose of this document is to communicate the danger to health and safety and to provide precautions for the use and storage of the products we supply. This document should not be regarded as a guarantee of specific product properties. No responsibility can be accepted in case of non-observance of the prevention and protection measures indicated in this sheet and of the laws and regulations in force regarding hygiene and safety or for any improper use of the product.