

safety data sheet according to 91/155/EEC

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Copran Color / Copran Ultra-T Color

1. identification of the substance/preparation and of the company/undertaking:

- 1.1 identification of the substance: water based liquid color with different ingredients
- 1.2 application / preparation: liquid color to stain pre sintered zirconium
- 1.3 producer / supplier: White Peaks Dental Systems GmbH & Co. KG
Langeheide 9
45239 Essen - Germany
phone: +49-281-206458-0
fax: +49-281-206458-13
- 1.4 toxication helpdesk: Giftnotrufzentrale Berlin:
phone (24Std.) +49 30 19240

2. composition / information on ingredients

- 2.1 chem. characterisation: Polyethylenglycol 400 (CAS-Nr. 25322-68-3) in aqueous solution and minor additions of
iron nitrate (CAS-Nr. 7782-61-8)
Vanadium chloride (CAS-Nr. 7718-98-1)
Chromium chloride (CAS-Nr. 10060-12-5)
- 2.2 hazardous components: none

3. hazards identification

- 3.1 hazard designation for human an environment: direct contact can cause slight irritations of skin and eyes
- 3.2 hazardous / non hazardous preparation: n.a.
- 3.3 harmful effects to health and environment on abuse: n.a.
- 3.4 other hazards based on material: none

4. first aid measures

- 4.1 general information: if you feel uncomfortable please consult a physician
- 4.2 after inhalation: consult a physician
- 4.3 after skin contact: rinse thoroughly with water and soap. If symptoms persist consult physician
- 4.4 after eye contact: rinse open eye thoroughly with water. If symptoms persist consult physician
- 4.5 after swallowing: rinse mouth with water. Do not induce vomiting. Consult physician
- 4.6 information for physician: show this document

5. fire-fighting measures

- 5.1 suitable extinguishing media: no special measures are required
- 5.2 not suitable extinguishing media: n.a.
- 5.3 hazardous combustion products: n.a.
- 5.4 special protection equipment: n.a.

6. accidental release measures

- 6.1 personal precautions: n.a.
- 6.2 environmental precautions: n.a.
- 6.3 methods of cleaning: mop up and dispose to the regulations (see chapter 13)
- 6.4 additional information: n.a.

7. handling and storage

7.1 handling:	only by trained personnel. Keep out of reach of children
7.2 storage:	at 4-10°C. Protect from insolation
7.3 application:	n.a.

8. exposure controls/personal protection

8.1 exposure limits:	n.a.
8.2 limitation and monitoring to exposure	n.a.
8.2.1 limitation and monitoring to exposure at work station:	provide enough ventilation. Do not eat, drink or smoke while you are working. Keep away from food and drinks
8.2.1.1 respiratory protection:	use dust mask
8.2.1.2. hand protection	avoid contact with skin. Wear protective gloves
8.2.1.3. eye protection:	wear protective glasses
8.2.1.4. skin protection:	use protective clothing
8.2.2. limitation and monitoring to environmental exposure:	n.a.

9. physical and chemical properties

9.1 appearance:	yellowish
9.1.1 aggregate state:	liquid
9.1.2 odour:	nearly odourless
9.2 pH:	n.a.
9.2.1 boiling point:	n.a.
9.2.2 flash point:	n.a.
9.2.3. autoflammability:	n.a.
9.2.4. explosive properties:	n.a.
9.2.5. oxidizing properties:	n.a.
9.2.6. vapor pressure:	n.a.
9.2.7. relative density:	1 gr/cm ³
9.2.8. solubility water / fat	100% in water
9.2.9. partition coefficient:	n.a.
9.2.10. viscosity :	n.a.

9.2.11. vapor density: n.a.

9.2.12. evaporation rate: n.a.

9.3 other data: none

10. stability and reactivity

10.1 conditions to avoid: heat / insolation

10.2 materials to avoid: n.a.

10.3 hazardous decomposition products: none at normal storage and handling

11. toxicological information

the product does not create any harmful effect to the health if handled correctly and considered the intended use.

12. ecological information

12.1 ecotoxicity: n.a.

12.2 mobility: n.a.

12.3 persistence / degradability: n.a.

12.4. bioaccumulation potential: n.a.

12.5. other adverse effects: n.a.

13. disposal considerations

Product and packaging should be disposed to official rules and directives

14. transport information

14.1. un-number: n.a.

14.2. class: n.a.

14.3. correct identification of goods: Copran Color / Copran Ultra-T Color

14.4. packaging group: n.a.

14.5. ocean harmful substances: n.a.

14.6. other relevant information: n.a.

15. regulatory information

subject to classification: This product is no subject to declaration according to EC rules.

16. other information

This safety data sheet is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

We can not a guarantee or give a warranty for the accuracy, dependability and completeness of this information, explicitly or implicitly. We call upon any person getting this information to urgently check and verify the adequacy and completeness for her or his special application.

n.a. = not applicable