



Product name: **OPTIVA CERAMIC SUPER MATT [3]**

Issue date/ Issue date/Update date: 17.10.2014

Date of previous edition:

SAFETY DATA SHEET according to Regulation EC No 453/2010

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

1.1 Product identifier

Trade name	Code
OPTIVA CERAMIC SUPER MATT [3]	C18-seria

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

High quality, waterborne, latex, acrylic-composite paint. Application method: brush, roller and spray.

1.3. Details of the supplier of the SDS

TIKKURILA POLSKA S.A.
Address 39 200 Dębica, Poland
I. Mościckiego Street No 23
Phone Nr + 48146805600
Fax Nr + 48146805601
Emergency phone nr +48124119999 - 24h
e-mail of competent person responsible for the SDS: pj@tikkurila.com

2. SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

Product definition: Mixture

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

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Classification according to Directive 1999/45/EC [DPD]

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

2.2 Labels elements

Signal word	: No signal word.
Hazard statements	: No hazard statements.
Prevention	: Not applicable.
Precautionary statements	
Response	: Not applicable
Storage	: Not applicable.
Disposal	: Not applicable.

Supplemental label elements : Contains: reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6]

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(3:1), and 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

2.3 Other hazards
None known.

3. SECTION 3: Composition/information on ingredients

3.1 Substance
not applicable

3.2 Mixture

Product/ingredient name	Identifiers	%	Classification	
			67/548/EWG	Regulation (EC) No. 1272/2008 [CLP]
2-methyl-2H-isothiazol-3-one	EC: 220-239-6 CAS: 2682-20-4	< 0,015	T; R23/24 Xn; R22 C; R34 R43 N; R50	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
1,2-benzisothiazol-3(2H)-one	EC: 220-120-9 CAS: 2634-33-5	< 0,05	Xn; R22 Xi; R41, R38 R43 N; R50	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	EC: 220-239-6 CAS: 55965-84-9	< 0,0015	T; R23/24/25 C; R34 R43 N; R50/53 See Section 16 for the full text of the R-phrases declared above.	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 4, H332 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 See Section 16 for the full text of the H phrases declared above.

4. SECTION 4: First aid measures

4.1 Description of first aid measures

General information: In all cases of doubt, or when symptoms persist, seek medical attention. Show this safety data sheet or label to the doctor if possible.

After inhalation: move to fresh air, keep patient warm and at rest.

After skin contact: Remove contaminated, wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

After eye contact: Irrigate copiously with clean, fresh water at least 10 minutes, also under the eyelids

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After ingestion: If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious). If significant amounts have been swallowed or if symptoms persist, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No known significant effects or critical hazards.

4.3 Indication of immediate medical attention and special treatment needed

No data available.

5. SECTION 5: Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire. Recommended: Alcohol resistant foam, CO₂, powders or water spray/mist.

Unsuitable extinguishing media: Do not use a direct water jet that could spread the fire.

5.2 Special hazard arising from the substance or mixture

This product is not classified as flammable. Fire will produce dense black smoke.

Exposure to decomposition products may cause a health hazard.

When exposed to high temperatures, may produce hazardous decomposition products, such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

5.3 Advice for firefighters

Cool closed containers exposed to fire or high temperature by spraying, if possible remove from exposure. Do not allow run-off from fire fighting to enter drains or water courses.

6. SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Do not allow to enter drains or watercourses.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Preferably clean with a detergent. Avoid using solvents.

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 13 for additional waste treatment information.

7. SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid breathing vapor. Avoid inhalation of dust from sanding. See Section 8 for information on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled and stored. Wash hands before breaks and immediately after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Keep container tightly closed. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Recommended storage temperature is +5°C ...+25°C.

7.3 Specific end uses

None

8. SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The product does not contain in its composition a substance for which exposure limits in the workplace were set up

8.2 Exposure controls

Provide adequate ventilation. Comply with the health and safety at work laws.

Individual protection measures, such as personal protective equipment

Respiratory protection: Use appropriate respiratory protection if there is a risk of exceeding any exposure limits.

Hand protection: Wear protective gloves. Gloves should be replaced regularly and if there is any sign of damage to the glove material. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Recommended glove material (EN374):

> 8 hours (breakthrough time): nitrile rubber

Eye/face protection: Safety eyewear should be used when there is a likelihood of exposure.

Skin protection: Wear appropriate personal protective clothing to prevent skin contact.

9. SECTION 9: Physical and chemical properties

Appearance:	viscous liquid
Odour:	characteristic odor
pH	about 8
Melting point/freezing point	no available data
Initial boiling point and boiling range	no available data
Flash point	no available data
Evaporation rate	no available data
Upper/lower flammability or explosive limits	no available data
Vapor pressure	no available data
Vapor density	no available data
Relative density	about 1,2 - 1,3 g/cm ³
Solubility	Mixed in water in any ratio
Partition coefficient: n-octanol/water	No available data
Auto-ignition temperature	No available data
Decomposition temperature	no available data
Viscosity	no available data
Explosive properties	No available data
Oxidizing properties	No available data

9.2 Other information

No data available.

10. SECTION 10: Stability and reactivity

10.1 Reactivity

See Section 10.5

10.2 Chemical stability

Stable under recommended storage and handling conditions (see Section 7).

10.3 Possibility of hazardous reactions

Unknown

10.4 Conditions to avoid

Freezing, direct sunlight

10.5 Incompatible materials

Keep away from the following materials to prevent strong exothermic reactions:
oxidizing materials
strong acids
strong alkalis

10.6 Hazardous decomposition products

When exposed to high temperatures, hazardous decomposition products may be produced, such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

11 SECTION 11: Toxicological information

11.1 Acute toxicity

No data available for the mixture

11.2 Irritation

No data available for the mixture

11.3 Corrosivity

No data available for the mixture

11.4 Sensitization

No data available for the mixture

11.5 Repeated dose toxicity

No data available for the mixture

11.6 Carcinogenicity

No data available for the mixture

11.7 Mutagenicity

No data available for the mixture

11.8 Toxicity for reproduction

No data available for the mixture

12 SECTION 12: Ecological information

12.1 Toxicity

No data available for the mixture

12.2 Persistence and degradability

No data available for the mixture

12.3 Bioaccumulative potential

No data available for the mixture

12.4 Mobility in soil

No data available for the mixture

12.5 Other adverse effect

No data available for the mixture

13 SECTION 13: Waste treatment

13.1 Waste treatment method

Gather residues into waste containers. Destroy according to the rules given by local authorities. Liquid residue from the product is classified according to Waste Catalogue with – code 080112 – paints and varnishes waste.

Empty cans should be recycled or disposed of in accordance with local regulations.

14 SECTION 14: Transport information

Mixture is not classified as dangerous goods according to transport regulations.

15 SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation of the European Union:

Regulation (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC with subsequent corrections and modifications.

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures - (OJ L 235, 5.9.2009)

15.2 Chemical Safety Report

No Chemical Safety Report has been carried out for the mixture

16 SECTION 16: Other information

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This Safety Data Sheet is prepared in accordance with Annex II (EU) No 453/2010 to Regulation (EC) No 1907/2006 (REACH).

The information contained in this Safety Data Sheet is based on the present state of knowledge and current EU and national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Full text of abbreviated H statements:

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H332 Harmful if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

Full text of abbreviated R phrases

R22 Harmful if swallowed.
R23/24 Toxic by inhalation and in contact with skin
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R34 Causes burns.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R50 Very toxic to aquatic organisms.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.