

1 Identification of substance

- **Product details:**
- **Trade name:** Tint-Ayd® GR 207
- **Article number:** 11049
- **Application of the substance / the preparation** Coating compound/ Surface coating/ paint
- **Manufacturer/Supplier:**
Elementis Specialties
p/a Elementis Service Centre N.V.
Pegasus Park
De Kleetlaan 12A - P.O. Box 3
B-1831 Diegem, Belgium
Tel: +32 (0) 2 790 76 00
Fax: +32 (0) 2 790 76 60
- **Informing department:**
Product Stewardship Department
Elementis Specialties Netherlands B.V.
Langestraat 167 7491 AE
P.O. Box 1 7490 AA
DELDEN - The Netherlands
Tel.: +31/74/3775307
Fax : +31/74/3775364
- **Emergency information:** Tel.: +32 3 575 55 55 (SGS)

2 Composition/Data on components

- **Chemical characterization:**
- **Description:** Mixture of the substances listed below with harmless additions

- **Dangerous components:**

CAS: 12656-85-8 EINECS: 235-759-9	CI Pigment Red 104	T, N; R 61-62-33-40-50/53	50-100%
CAS: 108-65-6 EINECS: 203-603-9	2-methoxy-1-methylethyl acetate	Xi; R 10-36	10-25%
CAS: 64742-95-6 EINECS: 265-199-0	Solvent naphtha (petroleum), light arom.	Xn, N; R 10-37-51/53-65	< 2.0%
CAS: 1330-20-7 EINECS: 215-535-7	xylene, mixed isomers, pure	Xn; R 10-20/21-38	< 2.0%
CAS: 108-67-8 EINECS: 203-604-4	mesitylene	Xi, N; R 10-37-51/53	< 0.5%

- **Additional information:**
For components with critical values that require monitoring at the workplace see Section 8
For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

- **Hazard designation:**
T Toxic
N Dangerous for the environment
- **Information pertaining to particular hazards for man and environment:**
Flammable
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
R 61 May cause harm to the unborn child.
R 10 Flammable.

(Contd. on page 2)

Trade name: Tint-Ayd® GR 207

(Contd. of page 1)

- R 33 Danger of cumulative effects.
- R 40 Limited evidence of a carcinogenic effect.
- R 62 Possible risk of impaired fertility.

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

*** 4 First aid measures**

- **After inhalation:** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact:** Wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Seek immediate medical advice.

*** 5 Fire fighting measures**

- **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water with a full water jet.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:**
Inform respective authorities in case product reaches water or sewage system.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Open and handle container with care.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Keep breathing equipment ready.
- **Storage:**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.

*** 8 Exposure controls and personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.

(Contd. on page 3)

Trade name: Tint-Ayd® GR 207

(Contd. of page 2)

· Components with critical values that require monitoring at the workplace:

108-65-6 2-methoxy-1-methylethyl acetate

WEL Short-term value: 548 mg/m³, 100 ppm

Long-term value: 274 mg/m³, 50 ppm

1330-20-7 xylene, mixed isomers, pure

WEL Short-term value: 441 mg/m³, 100 ppm

Long-term value: 220 mg/m³, 50 ppm

· **Additional information:** The lists that were valid during the compilation were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and food.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

Store protective clothing separately.

Do not inhale gases / fumes / aerosols.

· **Breathing equipment:**

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

· **Protection of hands:**

Impervious gloves

Solvent resistant gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Material of gloves**

Butyl rubber, BR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Tightly sealed safety glasses.

· **Body protection:** Solvent resistant protective clothing

9 Physical and chemical properties

· **General Information**

Form: Pasty
Colour: Orange
Smell: Aromatic

· **Change in condition:**

Boiling point/Boiling range: 146°C

· **Flash point:** 48°C

· **Ignition temperature:** 315.0°C

· **Self-flammability:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/steam mixtures is possible.

· **Critical values for explosion:**

Lower: 1.5 Vol %

Upper: 10.8 Vol %

· **Density at 20°C:** 2.14000 g/cm³

(Contd. on page 4)

Printing date 28.06.2006

Reviewed on 28.06.2006

Trade name: Tint-Ayd® GR 207

(Contd. of page 3)

· **Solubility in / Miscibility with Water:** Not miscible or difficult to mix

· **Solvent content:**
· **Organic solvents:** 16.4 %

· **Solids content:** 83.6 %

10 Stability and reactivity

- **Thermal decomposition / Conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions:** No dangerous reactions known
- **Dangerous products of decomposition:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**
The product shows the following hazards according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

12 Ecological information

- **Ecotoxicological effects**
- **Remark:** Very toxic for fish
- **General notes:**
Water hazard class 2: hazardous for water.
Do not allow product to reach ground water, water bodies or sewage system.
Danger to drinking water if even small quantities leak into soil.
Also poisonous for fish and plankton in water bodies.
Very toxic for aquatic organisms

13 Disposal considerations

- **Product:**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 02 00	wastes from MFSU of other coatings (including ceramic materials)
08 02 99	wastes not otherwise specified

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

GB

(Contd. on page 5)

Trade name: Tint-Ayd® GR 207

(Contd. of page 4)

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic):**
- **ADR/RID-GGVS/E Class:** 3 Flammable liquids.
- **Kemler Number:** 30
- **UN-Number:** 1263
- **Packaging group:** III
- **Label:** 3
- **Designation of goods:** 1263 PAINT
- **IMDG/GGVSea Class:** 3
- **UN Number:** 1263
- **Label:** 3
- **Packaging group:** III
- **EMS Number:** F-E,S-E
- **Marine pollutant:** No
- **Correct technical name:** PAINT
- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1263
- **Label:** 3
- **Packaging group:** III
- **Correct technical name:** PAINT

* 15 Regulatory information

- **Designation according to EC guidelines:**
- **Code letter and hazard designation of product:**
T Toxic
N Dangerous for the environment
- **Hazard-determining components for labelling:**
CI Pigment Red 104
- **Risk phrases:**
61 May cause harm to the unborn child.
10 Flammable.
33 Danger of cumulative effects.
40 Limited evidence of a carcinogenic effect.
62 Possible risk of impaired fertility.
- **Safety phrases:**
53 Avoid exposure - obtain special instructions before use.
23 Do not breathe fumes/aerosol.
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
43 In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- **National regulations:**
- **Technical instructions (air):**

Class	Share in %:
NK	17.6
- **Water hazard class:** Water hazard class 2: hazardous for water.
- **Other regulations, limitations and prohibitive regulations:**
- **EU-VOC(%):** 17.56 %

(Contd. on page 6)

Printing date 28.06.2006

Reviewed on 28.06.2006

Trade name: Tint-Ayd® GR 207

(Contd. of page 5)

· EINECS/ELINCS:*All ingredients are listed.***16 Other information**

This information 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

· Relevant R-phrases

- 10 *Flammable.*
- 20/21 *Harmful by inhalation and in contact with skin.*
- 33 *Danger of cumulative effects.*
- 36 *Irritating to eyes.*
- 37 *Irritating to respiratory system.*
- 38 *Irritating to skin.*
- 40 *Limited evidence of a carcinogenic effect.*
- 50/53 *Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*
- 51/53 *Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*
- 61 *May cause harm to the unborn child.*
- 62 *Possible risk of impaired fertility.*
- 65 *Harmful: may cause lung damage if swallowed.*

· Department issuing data specification sheet:

*Product Stewardship Dept.
Tel.: +32 2 790 76 32
Fax : +32 2 790 76 60*

· * Data compared to the previous version altered.

GB