

1 Identification of substance

- **Product details:**
- **Trade name:** Tint-Ayd® G BX
- **Article number:** 11148
- **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: 1333-86-4 EINECS: 215-609-9	Carbon black	25-50%
CAS: 107-21-1 EINECS: 203-473-3	ethane-1,2-diol Xn; R 22	10-25%
CAS: 9014-92-0 NLP: 500-023-0	Dodecylphenoxy(polyethoxy)ethanol Xi, N; R 41-51/53	2.5-10%
CAS: 111-46-6 EINECS: 203-872-2	2,2'-oxybisethanol Xn; R 22	2.5-10%
CAS: 68954-84-7	Polyoxyethylene nonylphenyl phosphate ester sodium salt Xi, N; R 38-41-51/53	< 1.0%
CAS: 136-53-8	ZINC BIS(2-ETHYLHEXANOATE) Xi, N; R 38-51/53	< 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:**
Xi Irritant
- **Information pertaining to particular hazards for man and environment:**
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 36 Irritating to eyes.
R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

(Contd. on page 2)

Printing date 19.07.2006

Reviewed on 19.07.2006

Trade name: Tint-Ayd® G BX

(Contd. of page 1)

· 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. If symptoms persist, consult doctor.
- **After swallowing:** In case of persistent symptoms consult doctor.

5 Fire fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam. Use fire fighting measures that suit the environment.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**
Inform respective authorities in case product reaches water or sewage system.
Dilute with much water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- **Handling:**
- **Information for safe handling:** Avoid splashes or spray in enclosed areas.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and containers:** Recommended storage temperature >5°C
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Protect from frost.
Keep container tightly sealed.

8 Exposure controls and personal protection

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

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

1333-86-4 Carbon black

WEL	Short-term value: 7 mg/m ³ Long-term value: 3.5 mg/m ³
-----	---

107-21-1 ethane-1,2-diol

WEL	Short-term value: 104** mg/m ³ , 40** ppm Long-term value: 10* 52** mg/m ³ , 20** ppm
-----	--

(Contd. on page 3)

Printing date 19.07.2006

Reviewed on 19.07.2006

Trade name: Tint-Ayd® G BX

(Contd. of page 2)

111-46-6 2,2'-oxybisethanolWEL Long-term value: 101 mg/m³, 23 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.
Avoid contact with the eyes.
- **Breathing equipment:** Use breathing protection in case of insufficient ventilation.
- **Protection of hands:** Protective gloves.
- **Material of gloves:** Plastic gloves
- **Eye protection:** Tightly sealed safety glasses.
- **Body protection:** Protective work clothing.

9 Physical and chemical properties· **General Information**

Form:	Liquid
Colour:	Black
Smell:	Light

· **Change in condition:****Boiling point/Boiling range:** 100°C· **Flash point:** > 100°C· **Ignition temperature:** 300.0°C· **Self-flammability:** Product is not selfigniting.· **Danger of explosion:** Product is not explosive.· **Critical values for explosion:****Lower:** 3.2 Vol %**Upper:** 53.0 Vol %· **Density at 20°C:** 1.28600 g/cm³· **Solubility in / Miscibility with****Water:** Fully miscible· **Solvent content:****Organic solvents:** 16.1 %**Water:** 28.6 %· **Solids content:** 41.3 %**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

GB

(Contd. on page 4)

Printing date 19.07.2006

Reviewed on 19.07.2006

Trade name: **Tint-Ayd® G BX**

(Contd. of page 3)

11 Toxicological information

· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:****9014-92-0 Dodecylphenoxy(polyethoxy)ethanol**

Oral LD50 >2000 mg/kg (rat)

· **Primary irritant effect:**· **on the skin:** No irritant effect.· **on the eye:** 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:

Irritant

12 Ecological information

· **Ecotoxicological effects**· **Acquatic toxicity:****9014-92-0 Dodecylphenoxy(polyethoxy)ethanol**

LC50 Daphnien 1-10 mg/l (Daphnia magna)

· **Remark:** Harmful to fish· **General notes:**

Water Hazard class 1: slightly hazardous for water.

Do not allow undiluted product or large quantities of it to penetrate into ground water, water bodies or sewage system.

Harmful to 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.· **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Transport information

· **ADR/RID-GGVSE Class:** -· **Marine pollutant:** No· **Transport/Additional information:** Not dangerous according to transport specifications.

GB

(Contd. on page 5)

Printing date 19.07.2006

Reviewed on 19.07.2006

Trade name: **Tint-Ayd® G BX**

(Contd. of page 4)

15 Regulatory information

- **Designation according to EC guidelines:**
- **Code letter and hazard designation of product:**
Xi Irritant
- **Risk phrases:**
36 Irritating to eyes.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Safety phrases:**
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
61 Avoid release to the environment. Refer to special instructions/safety data sheets.
- **National regulations:**
- **Technical instructions (air):**

Class	Share in %:
NK	16.1

- **Water hazard class:** Water hazard class 1: slightly hazardous for water.
- **Other regulations, limitations and prohibitive regulations:**
- **EU-VOC(%):** 16.15 %

- **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**
22 Harmful if swallowed.
38 Irritating to skin.
41 Risk of serious damage to eyes.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **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.**