

Revision date: 13-Dec-2011

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MSDS Number: 10665

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name: TINT-AYD® CW 5611

Product Use Description: Pigment dispersion

Company/Undertaking Identification:	Elementis Specialties, Inc.	Elementis UK Ltd.
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	Hightstown, NJ 08520	Stolberger Str. 370
	USA	50933 Cologne, Germany
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Emergency telephone number: CHEMTREC Emergency Response Number: 1-800-424-9300 (1-703-527-3887)
SGS Emergency Response Number: + 32 (0)3 575 55 55

Product_Stewardship@elementis.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Appearance: Liquid
Color: Red
Odor: Ammoniacal

DANGER

Causes burns
Risk of serious damage to eyes
May be harmful if swallowed
May cause irritation of respiratory tract
May cause skin irritation and/or dermatitis
Vapours may cause drowsiness and dizziness

Potential health effects:

Eye contact: Causes eye burns. Risk of serious damage to eyes. Signs and symptoms include burning, tearing, redness and swelling.

Skin contact: May cause skin irritation and/or dermatitis.

Inhalation: May cause irritation of respiratory tract. Vapors may cause drowsiness and dizziness.

Ingestion: May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Routes of exposure: Inhalation, Skin, Ingestion

Target Organs: Eyes

See Sections 11 & 12 for additional toxicological and ecological information

Environmental hazard: See Section 12, below

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

Components	CAS-No	Weight %
5-Decyne-4,7-diol,2,4,7,9-tetramethyl	126-86-3	< 2.5%
Amines, tallow alkyl, ethoxylated	61791-26-2	2.5 - 10%
Nonylphenol, branched, ethoxylated	68412-54-4	< 2.5%

This product is considered hazardous as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

4. FIRST AID MEASURES

Inhalation: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen.

Skin contact: Wash off immediately with soap and plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

Ingestion: If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Flash Point: 225 °F / 107 °C

Flash Point Method: ASTM D3278

Autoignition temperature: Not selfigniting

Explosive properties: LEL: 2.6 Vol%
UEL: 12.5 Vol%

Unusual Fire and Explosion Hazards: Emits toxic fumes under fire conditions.

Reactivity Hazard: None known

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Hazardous combustion products: Carbon monoxide, Carbon dioxide (CO₂).

Special Fire Fighting Procedure: Wear self contained breathing apparatus for fire fighting if necessary

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

Clean-up methods: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Avoid breathing mists, dusts, or vapors. Wash hands thoroughly after handling.

Storage: DO NOT FREEZE. Keep container tightly closed. Store at room temperature in the original container.

Additional Storage: Not required under normal use

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Use adequate local exhaust ventilation if airborne dusts, mists, or vapors will be generated.

Personal Protective Equipment

Eye protection: Tightly fitting safety goggles

Skin and body protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place

Respiratory protection: In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit

Hand protection: Protective gloves, Neoprene gloves

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Exposure controls

TLV/PEL: Not established

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Color:	Red
Odor:	Ammoniacal
Physical state:	Liquid
Vapor pressure:	< 1.0 mm Hg @ 25°C 23.0 hPa @ 20 °C
Vapor density:	2.62
Boiling point/range:	368 (°C)
Solubility:	Water Miscible
Specific Gravity:	1.96
Density:	1.96 g/cm ³
Bulk Density	16.4 lbs/gal
Bulk density:	16.4 lbs/gal
Flash Point:	225 °F / 107 °C
Ignition temperature:	371 (°C)
Explosive properties:	Not explosive
Explosion limits:	LEL: 2.6 Vol% UEL: 12.6 Vol%
<u>Solvent content:</u>	
Percent Volatile:	6.5 %
Water content:	~ 26 %
VOC content:	2.05 lbs/gal; 246 g/L
Evaporation rate:	< 1.0

10. STABILITY AND REACTIVITY

Stability:	Stable at normal conditions
Conditions to avoid:	Heat, flames and sparks
Materials to avoid:	Oxidizing agents

Hazardous decomposition products: No decomposition if stored normally

Possibility of Hazardous Reactions: Will not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Components	LC50/inhalation/4h/Rat	LD50/Dermal/Rat	LD50/Oral/Rat
Amines, tallow alkyl, ethoxylated	No data available	> 10 g/kg (rat)	620 mg/kg

Local effects

Skin irritation: May cause skin irritation and/or dermatitis.

Eye irritation: Causes burns. Risk of serious damage to eyes.

Inhalation: May cause irritation of respiratory tract.

Ingestion: May be harmful if swallowed, avoid ingestion. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Sensitization: No sensitizing effects known.

Chronic toxicity: No data is available on the product itself

Specific effects

Carcinogenic effects: No classification data on the carcinogenic properties of this material is available from the IARC, NTP or OSHA

Target Organs: Eyes

Components	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances
Nonylphenol, branched, ethoxylated	Group III Chemical	

12. ECOLOGICAL INFORMATION

Aquatic toxicity:

Product Information: No data available

Persistence and degradability: No data available

Environmental Fate and Pathways:

Mobility: No data available

Biodegradability: No data available

Bioaccumulative potential: No data available

Physical / Chemical: No data available

BOD/COD:

COD-value: No data available

BOD5-value: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with Local and National regulations.

RCRA Hazardous Waste:

RCRA: Not listed

14. TRANSPORT INFORMATION**U.S. Department of Transportation Ground (49 CFR):**

Proper shipping name: Not regulated

International Air Transportation (ICAO/IATA):

Proper shipping name: Not regulated

International Maritime Organization (IMO/IMDG):

Proper shipping name: Not regulated

Surface Shipments in Europe (ADR/RID):

Proper shipping name: Not regulated

15. REGULATORY INFORMATION**Heavy metals:**

Heavy metals content (ppm): Not applicable

Previous Revision Date: 04-Dec-2008

Key/Legend:

N/A: Not applicable

N/D: Not determined

ppm: Parts per million

X: Listed

Prepared by: Product Stewardship

The data set forth in these sheets are based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the aforementioned product. ELEMENTIS SPECIALTIES makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereon.

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