



MATERIAL SAFETY AND PRODUCT DATA SHEET

MANUFACTURER'S NAME: ELEMENTIS SPECIALTIES
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INFORMATION TELEPHONE NO: (201) 432-0800
EMERGENCY 24-hr TELEPHONE NO: (800) 424-9300 (CHEMTREC)

HEALTH	<u>1</u>
FLAMMABILITY	<u>1*</u>
REACTIVITY	<u>0</u>
PERS. PROTEC. EQUIP	<u>E</u>

SECTION I - IDENTITY

Common Name
Used on Label: TINT-AYD PC 9610 RED OXIDE LIGHT **Chemical Name:** N/A: (Mixture)
Trade Names and Synonyms: Pigment Dispersion **Formula:** N/A: (Mixture)
CAS Number: Not required (mixture).
Chemical Family: Pigment in Modified Acrylic Resin

COMPOSITION

Components not specifically identified by CAS Number and/or Chemical Name are protected under "trade secret" or "proprietary information" provisions of PA Ch. 317.2 (1987).

CHEMICAL NAME	CAS Number	% by Weight	% by Volume
Red Oxide Pigment	1332-37-2	70.0	32.5
Modified Acrylic Resin	Proprietary	30.0	67.5

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS Number	ACGIH TLV/ppm	OSHA PEL/ppm	% by Volume
None known unless listed below.				

Product: Tint-Ayd PC 9610 Red Oxide Light

SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point/Range:	N/A	Vapor Pressure (mm Hg 25°C):	N/A
Volatile Organic Content (VOC):	0	Vapor Density (Air = 1):	N/A
Solubility in Water:	Negligible	Reactivity in Water:	None
Appearance & Odor:	Red; powder; acrylic odor.		
Wt/Gal:Lbs (Sp Gr):	19.9 lbs/gal (2.39)	Evaporation Rate (BuAct=1):	N/A
Flash Point:	N/A	Flammable Limits in Air % by Volume (Lower/Upper):	N/A
ACGIH Threshold Limit Value (TLV) in PPM:	N/A	OSHA Permissible Exposure Level (PEL) in PPM:	10mg/M3
Extinguisher Media:	Water fog; carbon dioxide; dry chemical.		
Fire Fighting Procedures:	DO NOT use water, except as FOAM.		
Unusual Fire and Explosion Hazards:	* Electrical grounding of equipment required to prevent possible dust explosion.		

SECTION IV - PHYSICAL HAZARDS

Stability:	<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable
Conditions to Avoid:	Keep away from excessive heat or open flame.	
Hazardous Decomposition Products:	Combustion will produce carbon dioxide and possibly carbon monoxide.	
Polymerization:	<input type="checkbox"/> May occur	<input checked="" type="checkbox"/> Will not occur.
Conditions to Avoid:	Keep away from excessive heat or open flame.	

SECTION V - Health Hazards
Signs & Symptoms of Exposure and Routes of Entry

Inhalation:	Irritant to respiratory tract. Prolonged breathing of dust may cause headache dizziness, nausea.
Skin:	Mild skin irritant; prolonged or repeated contact can cause defatting, dermatitis.
Ingestion	Not expected route of entry. Give conscious victim plenty of water, induce vomiting; get medical help.
Eyes:	May cause irritation (redness, tearing, burning) if dust present in excessive amount.

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SECTION VI - SPECIAL PROTECTION INFORMATION
Emergency and First Aid Procedures

Inhalation:	If irritation of nose and/or throat develops, remove victim to fresh air. Get medical attention.
Skin:	Wash well with soap and water; remove contaminated clothing and wash before reuse.
Ingestion:	Induce vomiting, if victim is conscious. Get immediate medical attention.
Eyes:	Flush eyes with clean water for 15 minutes; get immediate medical attention.
Chemical Listed as Carcinogen or as Potential Carcinogen in (a) OSHA: No (b) IARC: No (c) National Toxicology Program: No	
If "Yes", explain:	
Respiratory Protection (Type):	NIOSH-approved respirator as required for organic dusts.
Ventilation:	Area should be well ventilated and equipped with adequate exhaust system.
Protective Gloves:	Impervious gloves.
Eye Protection:	Safety goggles or glasses.
Other Protective Clothing/Equipment:	Rubber apron; eye bath; safety shower.

SECTION VII - SPILL AND LEAK PROCEDURES

Storing/Handling:	Use spark-proof tools. Store material in cool, dry place.
Release or Spill:	Eliminate all ignition sources. Use spark-proof tools. Electrical grounding of equipment required to prevent possible dust explosion; keep dust to minimum. Suspended in air, this product could be flammable.
Waste Disposal:	Dispose of according to local, state and Federal regulations.

SECTION VIII - REGULATORY DATA

Heavy Metal Content (in PPM unless otherwise noted)				
ANTIMONY: < 15.0	BARIUM: < 0.5	COPPER: < 10.0	LEAD: < 15.0	SELENIUM: < 20.0
ARSENIC: < 5.0	CADMIUM: < 20.0	CHROMIUM: < 40.0	MERCURY: < 1.0	TIN: < 20.0
ZINC: <100.0	OTHERS: None known.			
SHIPPING CLASS (DOT/USA):	PAINT, NON HAZARDOUS. NO LABEL REQUIRED. UN No: NOT REQUIRED. DRUM TYPE: STEEL AND PLASTIC.			

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Section VIII - Regulatory Data Continued...

CHEMICAL INVENTORIES:	All components are listed on TSCA (US), DSL (Canada) and EINECS (European Community). All components have been reported to ENCS (Japan), TCCL (Korea), and PICCS (Philippines).
EPA SARA TITLE III:	Any component subject to Section 313 is asterisked in Section II.
FDA STATUS:	The non-volatile portion of this product is cleared under the following Title 21 CFR Paragraphs: None
EXPLANATION OF ABBREVIATIONS:	N/A: Not Available/Not Applicable. N/D: Not Determined PPM: Parts Per Million

- WARNING:**
- This product contains chemicals known to the State of California to cause cancer.
 - This product contains chemicals known to the State of California to cause birth defects or other reproductive harm.
 - This product is not subject to reporting under California proposition 65.

Issue Date: 09 Apr 1992

Approved By: **PRODUCT SAFETY DEPARTMENT
ELEMENTIS SPECIALTIES**

Review Date: 25 May 1995 Revision/s: Section I - Pigment CAS

Review Date: 13 Feb 1998 Revision/s: New Format

Review Date: 15 Jan 2002 Revision/s: No change

Review Date: _____ Revision/s: _____

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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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