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Date of publication: 8<sup>th</sup> January 2014



## Material Safety Data Sheet

Classified as **HAZARDOUS\*** according to the criteria of Safe Work Australia (formerly ASCC – Australian Safety & Compensation Council [formerly NOHSC – National Occupational Health & Safety Commission])

\* Please see "Important Information" section below

### IDENTIFICATION

**Product name:** Archival™ Oils Superchrome Yellow

**Other names:** ----

**Manufacturer's Product Codes:** AR25520

**Use:** Professional artist grade oil paints

**U.N. No:** N/A

**Hazchem:** N/A

**Dangerous Goods Class & Sub Risk:** N/A

**Poisons Schedule:** 6

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### PHYSICAL DESCRIPTION / PROPERTIES

**Appearance:** Creamy yellow paste

**Boiling Point/Melting Point (°C):** N/A

**Vapour Pressure (Pascals or mm of Hg at 25°C):** N/A

**Specific Gravity:** Approx 1.5g/ml

**Flash Point (°C):** N/A

**Flammability limits (%):** N/A

**Solubility in Water (g/L):** Partial

**Other properties:** Contains linseed oil

### COMPONENTS

Chemical Entity	CAS No.	Concentration
Linseed Oil	8001-26-1	Commercial In Confidence
Lead Sulfochromate Yellow*	1344-37-2	33.33%
Fillers	92704-41-1	16%
Plasticiser	N/A	4%
Alkyd Driers	Commercial In Confidence	3.24%
Resins	N/A	Commercial In Confidence
Solvent	64742-95-5	2%
Dispersants	123-86-4, 108-65-6	2%
Thickener	264-465-3	1.33%
Anti-Skin Agent	96-29-7	0.33%
Defoamer	64742-49-2, 64742-95-6	0.33%
Preservative	26530-20-1	0.0825%

\* Please see "Important Information" section below

NOTE: The physical data presented above are typical values only and should not be construed as a specification.

### IMPORTANT INFORMATION

**"Hazardous" Label Information:** The lead chromate based pigments that are used in this product are made using a coating technology which seals the lead particles and renders them harmless unless large quantities of the particles enter the lungs where over time the coating may break down. Due to this possibility Safe Work Australia requires us to continue informing consumers of the original toxicity of the pigment.

**HEALTH HAZARD / TOXICOLOGICAL INFORMATION**

No adverse health effects are expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms of effects may occur if the product is mishandled.

**Inhalation:** Inhalation of concentrated fumes/vapours may be irritating to the respiratory tract and may be harmful to your health over time.

**Ingestion:** This product is of low acute toxicity in rats. May be harmful if swallowed in large quantities.

**Eye Contact:** Direct eye contact may cause slight irritation, redness and/or swelling.

**Skin Contact:** Not expected to be irritating to the skin.

**Toxicological Data**

Repeated and prolonged exposure to large quantities of this product may cause delayed effects involving the blood, gastrointestinal, nervous and reproductive systems. May cause effects of chronic lead toxicity.

Acute oral toxicity LD50 (mg/kg): >2000 Species: Rat

**FIRST AID MEASURES**

**Ingestion:** Have affected person drink two (2) glasses of water. Never give anything by mouth to an unconscious person. Vomiting may be induced. Seek medical advice immediately and present this MSDS.

**Inhalation:** Inhalation of concentrated fumes/vapours may be irritating to the respiratory tract; Move to fresh air. Seek medical advice immediately and present this MSDS

**Skin contact:** Immediately remove all contaminate clothing and footwear. Wash affected areas thoroughly with cool water.

**Eye contact:** Direct eye contact may cause irritation; Flush eyes with large amounts of cool water holding eyelids open for at least 15 minutes. Seek medical advice immediately and present this MSDS.

**Advice to doctor:** Please see "Important Information" section of this MSDS. Treat symptomatically. Medical conditions possibly aggravated by over-exposure to this product – anaemia.

**PRECAUTIONS FOR USE**

**Exposure limit(s):** No Time Weighted Average (TWA)\* value has been assigned for this product, however for:

Lead, inorganic dusts & fumes (as Pb) TWA = 0.15 mg/m<sup>3</sup>

Lead chromate (as Cr) TWA = 0.05 mg/m<sup>3</sup> - Carcinogen Category 2

\*Time Weighted Average (TWA) – the average airborne concentration of a particular substance when calculated over a normal eight hour day, for a five day working week.

**Exposure controls**

**Engineering measures:** Ensure adequate natural or mechanical ventilations. Keep containers tightly closed when not in use.

**Protective measures:** Facilities storing or utilizing this material should be equipped with water facilities and appropriate ventilation equipment.

**Individual protection measures**

**Eye/face protection:** Safety goggles with side shields are recommended.

**Skin protection:** Single use nitrile gloves may be worn.

**Respiratory protection:** Local exhaust and general ventilation should be utilised.

**SAFE HANDLING & TRANSPORT INFORMATION**

**Safe handling:** Do not inhale dust/fumes/vapour. Avoid contact with eyes. Do not eat, drink or smoke until after washing. Wash hands with cool soapy water immediately after use. Personal protection equipment (PPE) is highly recommended. Contaminated clothes are to be laundered before re-use.

**Storage:** Keep from freezing. Store in a cool, dry place away from direct sunlight. Shake/stir well before use. Ensure lid is tightly closed when not in use.

**Ambient storage temperature:** 1°C - 38°C

**Australian Dangerous Goods (ADG) Code:** Not regulated (not dangerous for transport)

**Classification for sea transport (IMO-IMDG):** Not regulated (not dangerous for transport)

**Classification for air transport (IATA/ICAO):** Not regulated (not dangerous for transport)

**Hazchem Code:** None allocated

**FIRE / EXPLOSION HAZARD**

**Flammability:** Combustible material.

**Suitable extinguishing equipment:** Use extinguishing media appropriate to surrounding fire conditions. Water fog, fine water spray, foam or dry agent, or carbon dioxide may be appropriate depending on surrounding fire conditions.

**Specific hazards during fire fighting:** Material can boil above 100°C/212°F. In case of fire, prevent contaminated waste water from entering drains, soil of waterways.

**Special protective equipment for fire fighters:** Wear self-contained breathing apparatus and protective clothing.

**DISPOSAL ADVICE****Small quantities**

Do not pour left over product into drains. Unwanted product should be brushed onto newspaper and allowed to dry to be disposed of via domestic waste collection. Soak/Wipe up smaller spills with a rag and dispose of via domestic waste collection.

**Large quantities**

Clean up immediately. Prevent spill and cleaning runoff from entering sewers, drains and open bodies of water. If a large amount of product enters a waterway advise your local Waste Management. Contain spill with sand or other inert material and transfer to containers for disposal. Avoid walking through spilled product as it may be slippery. Contact local waste disposal authority for disposal advice.

## OTHER INFORMATION

**“Hazardous” Label Information:** The lead chromate and molybdate based pigments that are used in this product are made using a coating technology which seals the lead/molybdate particles and renders them harmless; however, Safe Work Australia requires us to continue informing consumers of the original toxicity of the pigment.

**Allergy information:** This product contains linseed oil. Due care has been taken to ensure this product does not contain any other food derivatives or food-based products however we cannot guarantee the same applies to any of our suppliers of the individual components of this product.

**Please Note:** This product was discontinued in May 2013.

**Revision:** 8<sup>th</sup> January 2014 – MSDS reformatted and extra information added.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates to only the specific material designated and may not be valid for such material when used in combination with any other materials or in any process unless specified in the text. Since Chroma Australia Pty Ltd cannot anticipate or control conditions of use, each user prior to using the product should assess and control the risks arising from usage of the product.