MATERIAL SAFETY DATA SHEET

Not classified as hazardous according to criteria of NOHSC Australia

Date of Issue: December, 2004

Company: Vynol Derivan Pty Ltd ABN 36003273925
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Ph: 61 (02) 9736-2022
Emergency Ph: As above Mon-Fri 9am-5pm

I. IDENTIFICATION

Product Name: Matisse Professional Structure/Flow formula Acrylic Colors (CADMIUM COLORS) Cadmium Yellow Medium, Cadmium Yellow Light, Cadmium Orange, Cadmium Red Medium.

Other Names: None All

Manufacturer’s Product Code: M7, M2, M5 & MF7, MF5, MF1.

UN Number: None Allocated.

Dangerous Goods Class: None Allocated.

Subsidiary Risk: None Allocated.

Packaging Group: None Allocated.

Hazchem Code: None Allocated.

Poisons Schedule Number: S6.

Chemical Family: Blend of Ingredients (See below).

Use: Professional Artists Painting.

Physical Appearance & Properties

Appearance & Odour: Intensely colored pastes or liquids (yellow, orange or red shades). Mild odour.

Melting/Softening Point: No specific data. Pasty solid at normal temperatures.

Boiling Point & Vapour Pressure: Not available

Volatile Materials: Water component (15-25%)

Flashpoint: Does not burn

Flammability Limits: Not applicable. This product does not burn.

Specific Gravity: Not available.

Solubility in Water: Soluble

Corrosiveness: Not corrosive

Vapour Pressure: No data

Ingredients

<table>
<thead>
<tr>
<th>Chemical Entity</th>
<th>CAS No STEL, mg/m³</th>
<th>WORKSAFE EXPOSURE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cadmium pigments</td>
<td>various *</td>
<td>Proportion, %</td>
</tr>
<tr>
<td></td>
<td>not set</td>
<td>22.5-31</td>
</tr>
<tr>
<td>Other non hazardous ingredients</td>
<td>secret</td>
<td>to 100</td>
</tr>
<tr>
<td>Non hazardous acrylic copolymer</td>
<td>no data</td>
<td>35-40 approx</td>
</tr>
</tbody>
</table>
Cadmium pigments are prepared from cadmium sulphide (yellows), cadmium selenide (reds) and cadmium sulfoselenide (orange pigments). They are generally washed thoroughly to remove soluble cadmium residues. When incorporated into paints such as these, the availability of cadmium residues to the body is so low as to be almost negligible. Even when dry these paints encapsulate the pigments and thus immobilise them. This is a commercial product whose ratio of components may vary. Trace qualities of impurities are also likely.

II. HEALTH HAZARD INFORMATION

Health Effects:
No specific data is available for the product for chronic exposure systems. The ingredients are not listed as carcinogenic in Worksafe’s document “Exposure Standards for Atmospheric Contaminants in the Occupational Environment” (May 1995), nor in NOHSC’s “List of Designated Hazardous Substances” (April 1999). Cadmium tends to accumulate in the body. However, the qualities available in normal use make the chances of accumulation in harmful quantities rather low.

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Acute Effects:
Swallowed: Single dose oral toxicity is considered to be low. Possible hazards may be anticipated from swallowing small amounts if done frequently or for extended periods.
Eye: Eye contact with this product is considered unlikely to cause any significant irritation or pain.
Skin: Exposure to this product is not likely to cause any significant irritation, nor is it likely to be absorbed through the skin in harmful amounts.
Inhaled: No inhalation hazards incidental to normal handling operations are anticipated from this product when used at room temperatures.

FIRST AID:
If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 13 1126 from anywhere in Australia. If possible have this MSDS or product label with you.
Swallowed: If swallowed do NOT induce vomiting. Wash mouth with water and give a glass of water to drink.
Eye: If product gets in eyes, wash eyes to remove material. No further measures should normally be required.
Skin: If product gets on skin, Wash skin to remove material. No further measures should normally be required.
Inhalation: If vapours or dusts have been inhaled, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.
ADVICE TO DOCTOR: Treat symptomatically. Note the nature of the product

III. PRECAUTIONS FOR USE

DO NOT SPRAY APPLY CADMIUM CONTAINING COLORS

Exposure Standards:
A time weighted average (TWA) concentration for an 8-hour day, and 5-day week has not been established by NOHSC Australia for any of the major ingredients in this product. There is a blanket limit of 10mg/m3 for dusts or mists when limits have not otherwise been established.

Engineering Controls:
In industrial situations, concentration values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high; you are advised to modify the process or environment to reduce the problem.

Personal Protection:
The following instructions are meant for people coming into frequent and lengthy contact with this product
in industrial situations. For occasional use, take precautions suitable for the conditions under which the product is being used.

**Respiratory Protection:** it is usually safe to not use a dust mask or respirator protection on account of this product. However, if the product is being used daily in dusty or confined conditions, use of a mask or respirator may be preferred. For help in selecting suitable equipment, consult AS/NZS 1715.

**Protective Gloves:** Protective gloves are not normally necessary when using this product. However it is always prudent to wear gloves. For help in selecting suitable equipment, consult AS 2161.

**Eye Protection:** Protective eyewear is not normally necessary when using this product. However it is always prudent to use protective eyewear. Consult AS 1336 and AS/NZS 1337 for advice on Industrial Eye Protection.

**Safety Boots:** wearing safety boots in industrial situations is advisory. Consult AS/NZS 2210 for advice on Occupational Protective Footwear.

Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing or other protective equipment before storing or re-using.

### IV. SAFE HANDLING INFORMATION

**Storage & Transport:**
No special storage and transport requirements. This product has no UN classification. This product is a S6 Poison. Observe all relevant regulations regarding sale, transport and storage of this class of product. Containers should be kept closed in order to minimize contamination. Keep from extreme heat and open flames, and make sure that the product does not come into contact with substances listed under “Materials to avoid” below.

**Spills & Disposal:**
In the event of a major spill, prevent spillage from entering drains or watercourses. No special protective clothing is normally necessary. However use judgement and take care. Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible. After spills, wash area-preventing runoff from entering drains. If significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Dispose of only in accord with regulations.

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**Fire/Explosion Hazard:**
There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Flashpoint: Does not burn

Flammability limits: Not applicable. This product does not burn.

Extinguishing media: This product does not burn. Use extinguisher media suited to the materials that are burning.

Special Fire Fighting procedures: When fighting fire involving significant quantities of this product, wear safety boots, no-flammable overalls, gloves, hat, goggles and respirator. All skin areas should be covered.

Unusual Fire & Explosive Hazards: This product will produce only minor quantities of decomposition products at temperatures at normally achieved in a fire.

Stability: This product is unlikely to spontaneously decompose.

Polymerisation: This product is unlikely to spontaneously polymerise.

Decomposition Products: Only minor quantities of decomposition products are expected at temperatures normally achieved in a fire. Carbon Dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Oxides of sulfur (Sulfur Dioxide is a respiratory hazard) and other sulfur compounds. Cadmium and selenium compounds, water.

Material to avoid: No particular incompatibilities.
V. OTHER INFORMATION

This MSDS is prepared in accord with the Worksafe Australia document “National Code of Practice for the Preparation of Material Safety Data Sheets”, 1994.

Phone: Business Hours:   (02)9736 2022
Fax:                     (02)9736 3637

National Poisons Information Centre:   Dial 13 1126 (from anywhere in Australia)

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