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## 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])

Xn: Harmful; T: Toxic; Xi: Irritant; N: Dangerous for the Environment; Flammable

### IDENTIFICATION

**Product name:** Chroma Invisible Solvent Finishing Varnish

**Other names:** ----

**Manufacturer's Product Codes:** CR70990

**Use:** Solvent strippable artists' finishing varnish

**U.N. No:** 3295

**Hazchem:** 3Y

**Dangerous Goods Class & Sub Risk:** 3 (III)

**Poisons Schedule:** 5

### PHYSICAL DESCRIPTION / PROPERTIES

**Appearance:** Clear or straw coloured liquid

**Flash Point:** 31°C

**Boiling Point/Melting Point:** 148°C - 190°C

**Explosive Limits in Air:** 0.6-7.0 % vol/vol

**Relative Density:** 0.813 g/ml (@15°C) 0.91

**Odour:** Naphthenic Hydrocarbon/Paraffinic

**Auto Ignition Temperature:** > 200°C

**Volatile Percent:** 100% vol/vol 50%

**Vapour Pressure:** 0.429 kPa (@ 20°C)

**Solubility in Water (g/L):** <0.10%

### COMPONENTS

Chemical Entity	CAS No.	Concentration
Naphtha (Petroleum) Hydrotreated Heavy	64742-48-9	< 86%
Acrylic Polymer	Commercial in Confidence	< 14%
Preservative	26530-20-1	0.33%

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

### 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:** This product is irritating to the respiratory tract. Exposure to large concentrations over an extended period of time may result in burning sensation in nose/throat, coughing, difficulty breathing, headache, dizziness and possible loss of consciousness.

**Ingestion:** Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause chemical pneumonitis or pulmonary oedema. Ingestion of any amount of this product may result in coughing, choking, wheezing, difficulty breathing, fever, headaches, nausea, dizziness, tracheal/mouth/lips irritation and stomach pain.

**Eye Contact:** Direct eye contact will cause discomfort and possible swelling, but will not injure eye tissue.

**Skin Contact:** Frequent or prolonged contact may defat and dry the skin, leading to discomfort and irritant dermatitis.

### FIRST AID MEASURES

**Ingestion:** DO NOT INDUCE VOMITING. Moderately toxic, seek urgent medical attention. May cause gastric irritation, nausea and abdominal pain. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Rinse mouth thoroughly with water and give water to drink. Never give anything by mouth to an unconscious person.

**Inhalation:** Using proper respiratory protection, immediately remove the victim from exposure into fresh air. Administer artificial respiration if breathing is stopped. Administer oxygen if breathing is difficult. Administering of oxygen should only be done by a qualified person. Keep at rest. Call for urgent medical attention.

**Skin contact:** Prolonged or repeated contact may cause skin irritation. If skin or hair contamination occurs flush affected areas with cool running water, using mild soap if available. Remove contaminated clothing, including shoes, and launder before re-use. If irritation persists, consult a physician.

**Eye contact:** Direct eye contact may cause moderate irritation, redness, burning sensation, blurred vision and/or swelling; Flush eyes with large amounts of cool water for at least 15 minutes, keeping the eyelids open. If irritation persists, consult a specialist.

**Advice to doctor:** Treat symptomatically. Avoid gastric lavage – aspiration of product to the lungs may result in chemical pneumonitis or pulmonary oedema.

### PRECAUTIONS FOR USE

**Exposure limit(s):** The Time Weighted Average (TWA) concentration for this product has not been established, however for Naphtha (Petroleum) Hydrotreated Heavy the TWA = 210ppm (1200mg/m<sup>3</sup>)

NB: The exposure value at the Time Weighted Average is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week.

#### Exposure controls

**Engineering measures:** Ensure adequate natural or mechanical ventilations to keep exposure to vapours as low as possible. Keep containers closed when not in use.

**Protective measures:** Facilities storing or utilizing this material in large volumes should be equipped with ventilation equipment.

#### Individual protection measures

For general use Personal Protection Equipment (PPE) is not required; however a detailed risk assessment on the use of this product taking in to account the work environment and handling methods may indicate PPE is recommended.

**Eye/face protection:** Chemical safety goggles may be worn. (AS1336/1337)

**Skin protection:** Single use nitrile gloves may be worn. Wash material immediately off skin with cool soapy water.

**Respiratory protection:** Not necessary if used in a ventilated environment.

### SAFE HANDLING & TRANSPORT INFORMATION

**Handling:** This product is flammable; do not open near open flame, sources of heat or ignition. No smoking. Keep container tightly closed when not in use. Avoid contact with eyes, skin and clothing. Do not swallow. Do not inhale. Keep out of reach of children. Use of personal protection equipment (PPE) is recommended.

**Storage:** Keep from freezing. Store in a cool, dry place away from direct sunlight and all sources of ignition. Residual vapours are flammable. This product is flammable and will fuel a fire in progress.

Incompatible storage materials include natural rubber, butyl rubber, nitrile rubber, neoprene rubber, ethylene-propylene-diene-monomer rubber (EPDM) and polystyrene.

Ambient storage temperature: 1°C - 38°C

## TRANSPORT INFORMATION

### Australian Dangerous Goods (ADG) Code

Proper Shipping Name: Hydrocrabons, Liquid, N.O.S. (Cyclononanes & Cyclodecanes)  
Dangerous Goods Class: 3  
Sub. Risk: None  
Packaging Group: III  
Hazchem Code 3Y

### Classification for sea transport (IMO-IMDG)

Proper Shipping Name: Hydrocrabons, Liquid, N.O.S. (Cyclononanes & Cyclodecanes)  
Dangerous Goods Class: 3  
Sub. Risk: None  
Packaging Group: III  
Labelling: 3-FLAMMABLE  
Marine Pollutant: YES

### Classification for air transport (IATA/ICAO)

Proper Shipping Name: Hydrocrabons, Liquid, N.O.S. (Cyclononanes & Cyclodecanes)  
Dangerous Goods Class: 3  
Sub. Risk: None  
Packaging Group: III  
Labelling: 3-FLAMMABLE

**Hazchem Code:** 3Y

## FIRE / EXPLOSION HAZARD

**Flammability:** Flammable

**Suitable extinguishing equipment:** Foam extinguisher recommended. DO NOT USE WATER IN JET. Dry chemical, carbon dioxide, sand and earth may be used for small fires only. Water spray may be used to cool fire-exposed containers & surfaces.

**Specific hazards during fire fighting:** In case of fire eliminate all ignition sources. Do not allow fire fighting water to reach waterways, drains or sewers. Store fire fighting water for treatment. Vapour is heavier than air and may travel or be moved by air currents. Product will float and can be reignited on surface water Hazardous decomposition products may include carbon dioxide and carbon monoxide.

**Special protective equipment for fire fighters:** Wear a positive-pressure self-contained breathing apparatus (SCBA) and protective self-contained fire fighting suit

## 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.

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**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**

**Allergy information:** Due care has been taken to ensure this product does not contain any 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.

**Revision:** 9<sup>th</sup> December 2013 – 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.