



SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Chroma Invisible Solvent Finishing Varnish

Product description: Solvent Strippable Artists' Finishing Varnish

Manufacturer: Chroma Australia Pty Ltd
PO Box 3B
17 Mundowi Road
Mount Kuring-Gai, NSW 2080 Australia
www.chromaonline.com

For non-emergency information contact: 61-02-9457-9922

Fax: 61-02-9457-8082

Emergency telephone number: As Above or 13 11 26
(Poisons Information Centre)

2. HAZARDS IDENTIFICATION

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

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

Hazard Classification(s) assigned under GHS Classification Criteria



- Aspiration Hazard Category 1
- Carcinogenicity Category 1B
- Skin Irritation Category 2
- Hazardous to the Aquatic Environment Category 2
- Flammable Liquids Category 3

Poison Schedule

Schedule 5

Risk Phrases: R10, R45, R65, R38, R67, R51/53

Safety Phrases: S62, S23, S24/25, S45, S2, S9, S61, S16, S43, S57

The full text of each R-Phrases and S-Phrases are listed in section 16

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Naphtha (Petroleum) Hydrotreated Heavy	64742-48-9	<86%
Acrylic Copolymer	Commercial in Confidence	<14%
Preservative	26530-20-1	>1%

4. 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: 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: Flush eyes immediately with large amounts of cool water for at least 15 minutes, keeping the eyelids open. Direct eye contact may cause moderate irritation, redness, burning sensation, blurred vision and/or swelling. Seek immediate specialist attention.

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

5. FIRE FIGHTING MEASURES

Flammability Conditions: Product is a flammable liquid.

Hazchem Code: 3Y

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: Product is a flammable liquid. Eliminate ignition sources. Do not allow fire fighting water to reach waterways, drains or sewers. Prevent vapours from building up in confined areas as this product may create an explosion hazard when exposed to temperatures at or above the flash point of 31°C. Vapour is heavier than air and may travel or be moved by air currents. Product will float and can be reignited on surface water. Store fire fighting water for

treatment. Hazardous decomposition products may include carbon dioxide and carbon monoxide.

Special protective equipment for fire fighters: Wear a positive-pressure self contained breathing apparatus and complete protective fire fighting clothing or chemical splash suit. If safe to do so, remove undamaged containers from fire area. Stay upwind and ensure fire area is well clear of all non-emergency personnel.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Personal protective equipment (PPE) should be used. See Section 8 for full list of recommended PPE.

Methods and materials for containment and cleaning up:

Eliminate all sources of ignition. Increase ventilation. Do not let product reach drains or waterways. If a large amount of the product does enter a waterway advise your local Waste Management.

Dangerous Goods – Initial Emergency Response Guide (IERG) (SAA/SNZ HB76)

For LIQUIDS – FLAMMABLE, Guide No: 15

- Minor Spill: Mop up with dry rags and dispose of in general waste. Absorbent material used will become flammable; keep away from all ignition sources. If the product sets to a hard or sticky clear coating, it may be scraped off after softening with solvent.
- Major Spill: Contain spill with sand and transfer to containers for disposal. Prevent vapours from building up in confined areas. Do not allow product to enter sewers or bodies of water. Avoid soil and/or vegetation contamination. Contact local waste disposal authority for disposal advice.

7. HANDLING AND STORAGE

Handling: This product is flammable; do not open near open flame, sources of heat or ignition. No smoking. Keep container tightly sealed 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 is recommended.

Storage: Keep from freezing. Store in a cool, dry place away from direct sunlight and ignition sources. Keep container tightly sealed when not in use. Keep out of reach of children. This product is flammable and will fuel a fire in progress. Residual vapours are flammable. Incompatible storage materials include natural rubber, butyl rubber, nitrile rubber, neoprene rubber, ethylene-propylene-diene-monomer rubber (EPDM) and polystyrene.

Storage temperature: 1°C/34°F - 38°C/100°F.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure limits

The time weighted average concentration (TWA) for this product has not been established, however for *Naphtha (Petroleum) Hydrotreated Heavy* the TWA is: 210ppm (1200mg/m³)

NOTE: The exposure value at the Time Weighted Average (TWA) 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: Local exhaust ventilation is recommended in confined spaces.

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

Individual protection measures

Eye/face protection: It is recommended to use safety glasses with side shields or a full face shield when using this product.

Skin protection: Wear long sleeves, long trousers or coveralls and enclosed footwear when using this product.

Hand Protection: Wear nitrile rubber gloves.

Respiratory protection: Where concentrations in air may approach or exceed the limits described in Section 8, it is recommended to use a half-face filter mask of Type 'A' or equivalent material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear or straw coloured liquid
Odour	Naphthenic Hydrocarbon/Paraffinic Odour
pH	No data available
Boiling/Melting Point	148°C - 190°C
Flash Point	31°C
Autoignition Temperature	>200°C
Explosive Limits in Air	0.6-7.0 % vol/vol
Percent Volatiles	100% vol/vol 50%
Evaporation Rate	0.130
Vapour Pressure	0.2 kPa (@ 20°C)
Vapour Density	>1.00
Relative Density	0.813 g/ml (@15°C) 0.91
Water Solubility	<0.10%
Viscosity	1,000 – 3,000 cps @ 25°C

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

10. STABILITY AND REACTIVITY

Chemical stability: Stable at room temperature and pressure

Conditions to avoid: Excessive heat, open flames, freezing.

Materials to avoid: Mineral acids, strong oxidisers, bases, reducing agents.

Hazardous decomposition products: Carbon dioxide, carbon monoxide and organic complexes on incomplete burning/oxidisation.

Polymerisation: Product will not undergo hazardous polymerization.

11. TOXICOLOGICAL INFORMATION

Toxicity: No toxicological data is available for this product, however for *Naphtha (Petroleum) Hydrotreated Heavy*:

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, chest congestion, tongue/mouth/lips irritation and stomach pain.

Eye Contact: Contact with eye will cause discomfort and possible swelling and redness, but will not injure eye tissue.

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

12. ECOLOGICAL INFORMATION

Ecotoxicity

Expected to be toxic to aquatic organisms; long term adverse effects to aquatic organisms are possible if continuous exposure is maintained.

Persistence and degradability

Readily biodegradable; oxidizes rapidly by photo-chemical reactions in air.

Bioaccumulative Potential

No data available but product has the potential to bioaccumulate.

Mobility

Highly volatile, will partition rapidly to air. Not expected to partition to sediment & wastewater solids.

13. DISPOSAL CONSIDERATIONS

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 up smaller spills with a rag and dispose of via domestic waste collection. Absorbent material used will become flammable; keep away from all ignition sources.

Large quantities

Clean up immediately. Prevent spill and cleaning runoff from entering sewers, drains and open bodies of water. Contain spill with sand and transfer to containers for disposal. Contact local waste disposal authority for disposal advice.

Environmental precautions: Do not wash large spills into municipal sewers, drains, natural streams, rivers, or open bodies of water. Avoid soil and vegetation contamination.

14. TRANSPORT INFORMATION

UN Number: 3295

Hazchem Code

3Y

Special Precaution for user

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

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: No

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

Note: Country variations may apply

15. REGULATORY INFORMATION

Poisons Schedule	5
Signal Word	Hazardous
EPG	14
AICS Name	Naphtha, Petroleum, Hydrotreated Heavy
NZ Toxic Substance	4

Inventory Status

Australia (AICS/NICNAS)	Y
New Zealand (NZIoC)	Y

Y = All ingredients are on the inventory

16. 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.

Full text of R-Phrases

R45	May cause cancer
R65	Harmful: May cause lung damage if swallowed
R10	Flammable liquids category 3: if flashpoint $\geq 23^{\circ}\text{C}$
R38	Irritating to skin
R67	Vapours may cause drowsiness/dizziness
R51/53	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

Full text of S-Phrases

S62	If swallowed, do not induce vomiting. Seek medical advice immediately.
S23	Do not breathe vapour/mist/spray
S24/25	Avoid contact with skin and eyes
S45	In case of accident or if you feel unwell, seek medical advice immediately
S2	Keep out of reach of children
S9	Keep container in a well-ventilated place
S16	Keep away from sources of ignition
S61	Avoid release into the environment. Refer to special instructions/SDS
S43	In case of fire use sand, earth, chemical powder or foam
S57	Use appropriate containment to avoid environmental contamination

Revision: 27th November 2015 – MSDS updated from old format to new 16 point GHS Standard SDS.

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.