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EMERGENCY PH: As above, or Poisons Information Centre

Date of publication: 9th December 2013



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; Xi: Irritant; N: Dangerous for the Environment; Flammable

IDENTIFICATION

Product name: Chroma Gloss Solvent Finishing Varnish

Other names: ----

Manufacturer's Product Codes: CR72290

Use: Solvent strippable artists' finishing varnish

U.N. No: 1300

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 - 200°C

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

Relative Density: 0.812 g/ml (@15°C) 0.91

Odour: Paraffinic

Auto Ignition Temperature: > 200°C

Volatile Percent: 100% vol/vol 50%

Vapour Pressure: 0.429 kPa (@ 20°C)

Solubility in Water (g/L): 57mg/L

COMPONENTS

Chemical Entity	CAS No.	Concentration
Mineral Turpentine	9005-90-7	< 80%
Acrylic Polymer	Commercial in Confidence	< 20%
Preservative	26530-20-1	0.033%

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 muscle weakness, tingling in hands and feet, blurred vision, headaches, nausea, loss of appetite, hallucinations, 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 and tracheal/mouth/lips irritation.

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. Administer artificial respiration if breathing is stopped. Keep at rest. Call for urgent medical attention.

Skin contact: Prolonged or repeated contact may cause skin irritation; Flush with large amounts of water, using mild soap if available. Remove grossly 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, 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): No Time Weighted Average (TWA) exposure standard has been established for this product, however for Mineral Turpentine the TWA = 480mg/m³

NB: The exposure value at the 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: 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. 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: Turpentine Substitute
 Dangerous Goods Class: 3
 Sub. Risk: None
 Packaging Group: III
 Hazchem Code: 3Y

Classification for sea transport (IMO-IMDG)

Proper Shipping Name: Turpentine Substitute
 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: Turpentine Substitute
 Dangerous Goods Class: 3
 Sub. Risk: None
 Packaging Group: III
 Labelling: 3-FLAMMABLE

Hazchem Code: 3Y

FIRE / EXPLOSION HAZARD

Flammability: Flammable

Suitable extinguishing equipment: Dry chemical or foam extinguishers. DO NOT USE WATER IN JET.

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. 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.

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: 9th 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.