

PRODUCT SAFETY DATA SHEET

CURATOR ANTIQUING FLUID - BLACK

Product Description

A cold patination treatment which will colour new or bright brass, copper or bronze to give an antique look.

Directions

Remove any metal lacquer using paint stripper first. Thoroughly remove and clean any grease or oil, including fingerprints with cold patination treatment and wipe dry. Proper preparation of the surface is essential to produce a uniform colour. Apply Antiquing Fluid directly on to the item using either cotton wool or a brush and watch the surface quickly change colour. When the desired colour is achieved, immediately rinse with clean water and pat dry with paper towel. Alternatively dilute with 10 parts water and immerse items together to ensure a uniform colour change.

(1) **IDENTIFICATION**

Product Name: Curator Antiquing Fluid - Black
Supplier: Horological Solvents,
Barnside, 194 Wellington Road, Bury, Lancs. BL9 9AH
Tel: 0161 764 2741

(2) **COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name : Selenious Acid, solution
Cas No : 7446-08-4 **EC No :** 231-194-7
Symbol: T **Risk Phrases :** R23/25, R33
R51/53

(3) **HAZARDS IDENTIFICATION**

Human health hazards : Toxic by inhalation and if swallowed.

(4) **FIRST AID MEASURES**

Inhalation : Remove from exposure. Ensure supply of fresh air. If breathing stops or shows signs of failing, give artificial respiration. Obtain medical attention urgently. Keep warm and at rest. If there is difficulty in breathing, give oxygen. Do not use mouth to mouth ventilation.

Ingestion : Call in a physician immediately and show the Safety Data Sheet.

Skin Contact : Clean with soap and water. Remove contaminated clothing as washing proceeds. Contaminated clothing should be washed or dry-cleaned before re-use.

Eye Contact : Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention.

(5) **FIRE FIGHTING MEASURES**

Extinguishing Media Suitable : Not combustible. Select extinguishing agent appropriate to other materials involved. Keep containers and surroundings cool with water spray.

Unusual fire / explosion Hazards Has a caustic effect.

Special fire-fighting Procedures In case of combustion evolution of dangerous gases possible.

Protection of fire-fighters. Wear full protective clothing and self-contained breathing apparatus.

(6) **ACCIDENTAL RELEASE**

Personal Precautions : Refer to protective measures listed in sections 7 and 8. Remove persons to safety. Avoid dust formation. Use breathing apparatus if exposed to vapours/dust/aerosol.

Environmental precautions: Do not discharge into the drains / surface waters / groundwater.
Advise authorities if spillage has entered watercourse or sewer or has contaminated soil or vegetation. Pick up mechanically. Send in suitable containers for recovery or disposal.

(7) **HANDLING & STORAGE**

Handling : Use in well ventilated area. Avoid contact with eyes, skin and clothing. Emergency shower and eye wash facilities should be readily available. Product is hygroscopic.

Storage : Storage area should be : cool, under cover, well ventilated and dry. Store away from sources of heat or ignition. Water contamination should be avoided. Do not store with food stuffs. Keep away from water.

Packing materials

Recommended use : Use original closed container.

(8) **EXPOSURE CONTROLS / PERSONAL PROTECTION**

Hygiene Measures : Wash hands after handling compounds and before eating, smoking, using lavatory and at the end of the day.

Occupational exposure limits : OES/EH40 Metal
TWA 0.1 mg/m³

Personal protection

Respiratory system : If workplace exposure limits are exceeded, a respirations protection approved for this particular job must be worn. Short term : filter apparatus, Filter P3.

Skin and body : Clothing as necessary in the chemical industry.

Hands : Rubber gloves.

Eyes : Tightly fitting safety glasses.

(9) **PHYSICAL & CHEMICAL PROPERTIES**

Physical State : Liquid

Colour : Blue

Odour : Slight pungent odour with concentrate

Density : > S.G. 1.00

Solubility : Completely soluble in water.

PH : < 2.0

Flash Point : Not available

(10) **STABILITY & REACTIVITY**

Stability : The product is stable.

Conditions to avoid : High temperatures.

Hazardous decomposition product No hazardous decomposition products known.

(11) **TOXICOLOGICAL INFORMATION**

Local effects

Eye Irritation : Very hazardous in case of eye contact (irritant) Has a caustic effect.

Acute Toxicity : LD50: Oral-rat 88.1 mg/kg
LC50 : Not available

(12) **ECOLOGICAL INFORMATION**

Ecotoxicity : Do not discharge into the drains and do not store on public depositories.

(13) **DISPOSAL**

Methods of Disposal: Allocation of waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Waste of Residues Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for refuse.

Contaminated Packaging Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

(14) **TRANSPORT INFORMATION**

International Transport UN No : 3283 Class : 6.1 55 b
Packing Group III
Hazard id No : 60
Label : 6.1

(15) **REGULATORY INFORMATION**

EU Regulations

Hazard Symbol(s)



Classification : Toxic

Risk Phrases : R23/25 Toxic by inhalation and if swallowed
R33 Danger of cumulative effects
R51/53 Very toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment.

Safety Phrases : S2 Keep out of the reach of children.
S20/21 When using do not eat, drink or smoke
S24/25 Avoid contact with skin and eyes
S28 After contact with skin wash immediately with plenty of water and soap.
S29 Do not empty into drains.
S36/37 Wear suitable protective clothing and gloves.
S46 If swallowed seek medical advice immediately and show container or label.
S51 Use only in well ventilated area.
S60 This material and its container must be disposed of as hazardous waste.

Product Use : The information contained in this data sheet does not constitute an assessment of workplace risk.

(16) **OTHER INFORMATION**

Date of Issue : 05/01/09

Notice to reader

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