

1. Identification of the substance/preparation and of the company/undertaking

Product name :

SELECTASINE METALLIC BINDER

this MSDS sheet has been supplied by the manufacturer, please contact George Weil & Sons Ltd for further information: 01483 565800 email: esales@georgeweil.co.uk

EMERGENCY ONLY
TELEPHONE NUMBER :

2. Composition/information on ingredients

Substance/Preparation : Preparation

Chemical name*	CAS No.	%	EC Number	Symbol	R-Phrases
1) METHANOL.	67-56-1	<0.1	200-659-6	F, T	R11, R23/24/25, R39/23/24/25
2) FORMALDEHYDE ...%	50-00-0	<0.05	200-001-8	T	R23/24/25, R34, R40, R43
3) N-METHYL-2- PYRROLIDONE	872-50-4	<0.1	212-828-1	Xi	R36/38
4) Propan-2-ol	67-63-0	<1	200-661-7	F, Xi	R11, R36, R67

* Occupational Exposure Limit(s), if available, are listed in Section 8

CAS No. Mixture.
EINECS Number Mixture.

3. Hazards identification

4. First-aid measures

First-Aid measures

Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.

Ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Skin contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention.

Eye Contact : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention.

5. Fire-fighting measures

Extinguishing Media

Suitable : SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special fire-fighting procedures : Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

Protection of fire-fighters : Be sure to use an approved/certified respirator or equivalent.

6. Accidental release measures

Personal Precautions : Splash goggles. Protective overalls/suit. Boots. Gloves. Select appropriate protective clothing for the size of the spillage.

Environmental precautions and cleanup methods : Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. Handling and storage

- Handling : Keep away from heat. Keep away from sources of ignition. Empty containers may still contain significant residual amounts of the product. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapour/spray. If ingested, seek medical advice immediately and show the container or the label.
- Storage : Keep container tightly closed. Keep container in a cool, well-ventilated area.
- Packaging materials
- Recommended use : Use original container.

8. Exposure controls/personal protection

- Engineering measures : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure that eyewash stations and safety showers are close to the workstation location.
- Hygiene measures : Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.

<u>Ingredient Name</u>	<u>Workplace Exposure Limits</u>
1) METHANOL.	EH40 (United Kingdom (UK), 2005). Skin MEL: 266 mg/m ³ STEL: 333 mg/m ³
2) FORMALDEHYDE ...%	EH40 (United Kingdom (UK)). MEL: 2.5 mg/m ³ STEL: 2.5 mg/m ³
3) N-METHYL-2- PYRROLIDONE	EH40 (United Kingdom (UK), 99). Skin OES: 25 ppm Period: 8 hour(s). OES: 103 mg/m ³ Period: 8 hour(s). STEL: 75 ppm STEL: 309 mg/m ³
4) Propan-2-ol	EH40 (United Kingdom (UK), 2005). MEL: 400 ppm MEL: 999 mg/m ³ STEL: 1250 mg/m ³ STEL: 500 ppm

Personal protective equipment

- Skin and body : Overalls or Lab coat.
- Hands : Nitrile gloves.
- Eyes : Splash goggles.

9. Physical and chemical properties

- Physical state : Liquid. (Paste)
- Colour : White.
- Odour : Characteristic.
- Boiling point : 100°C (212°F)
- Melting point : -2°C (28.4°F)
- Density : 1.04 g/cm³ at 20°C (68°F)
- Solubility : Dispersible in water.
- pH : 6.5 to 8 [Neutral.] (at 23 °C)
- Flash point : >100°C (212°F).
- Autoignition temperature : >200°C (392°F)

10. Stability and reactivity

- Stability : The product is stable.

11. Toxicological information

Local effects

- Acute toxicity : Acute oral toxicity (LD50): >4000 mg/kg [Rat].

12. Ecological information

- Persistence/degradability : **Biodegradability:**
Readily biodegradable.
- Ecotoxicity : Ecotoxicity in water:
(LC50): >100 mg/l, 96 hours [Fish].

13. Disposal considerations

Methods of disposal ; Waste of residues ; Contaminated packaging : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Classification : Not applicable.

14. Transport information

International transport regulations

UN : UN number Not regulated.

UN : Proper shipping name -

ADR/RID : Class -

IMDG : Proper shipping name -

IATA : Proper shipping name -

IATA : Additional Information -

15. Regulatory information

EU Regulations

Risk Phrases : This product is not classified according to the EU regulations.

Product Use : Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379/EEC, including amendments and the intended use.
- Consumer applications.

16. Other information

HISTORY

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Notice to Reader

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Version 1

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