LAWRENCE
ART SUPPLIES SINCE 1859

36 KINGSTHORPE ROAD
HOVE
BN3 5HR
Tel 01273 260 260
Fax 01273 260 270
E-mail artbox@lawrence.co.uk

MATERIAL SAFETY DATA SHEET

Edition: Nov 2018

Rhind's Soft Dark Grounds

(TNL 1721, 1726)

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

Product name: Rhind's Soft Dark Grounds

Product code: 1721, 1726

Relevant identified uses of the substance or mixture:
For use in etching

Company name: Lawrence Art Supplies
36 Kingsthorpe Road
Hove
BN3 5HR
Tel: 01273 260260
Fax: 01273 260270
Email: artbox@lawrence.co.uk

Emergency Number: Mon - Thurs 9am-5pm, Fri 9am - 4pm (not a poison centre) 01273 260260

2. Hazards identification

2.1. Classification of the substance or mixture

Ingredients are not considered to be a hazardous and have no classification under CLP

2.2. Label elements Label elements:

This product has no label elements

3. Composition/information on ingredients

3.1. Substances

A mixture of Asphaltum, Beeswax, Japan Wax, Resin Lump and Tallow

Ingredient	CAS Number	EC Number	REACH Reg Number
Asphaltum	12002-43-6	310-127-6	N/A
Beeswax	8012-89-3	232-383-7	Exempt Annex V
Japan Wax	103798-70-5	310-125-5	Exempt Annex V
Resin lump	8050-09-7	232-457-7	01-2119480418-32
Tallow	61789-97-7	262-976-6	Exempt Annex V

4. First aid measures

4.1. Description of first aid measures

Skin contact: Wash with water and soap. No emergency measures are necessary and skin sensitisation or irritation is very rare however if adverse skin effects follow, seek medical advice.

Eye contact: High levels of fumes may cause irritation. Wash out thoroughly with water for no less than 15 mins and seek medical attention.

Ingestion: Do not induce vomiting. Rinse out mouth and drink lots of water

Inhalation: High levels of fumes can cause irritation of the respiratory tract. Can cause headache and nausea. Remove the affected person to fresh air, keep warm and rest. If recovery is not rapid, seek medical advice.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media include dry powder, foam or water spray. Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Not applicable

5.3. Advice for fire-fighters

No one other than trained fire fighters should attempt to fight fires. No specific fire-fighting protection is required.
Use an extinguishing agent suitable for the surrounding fire.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing/eyewear.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground, If molten product enters drains it will solidify causing potential blockages. If this occurs the authorities should be informed.

6.3. Methods and material for containment and cleaning up

Allow any spilled molten product to cool and solidify. Once solid dispose of accordingly.

6.4. Reference to other sections

Refer to section 8 for personal protection, section 13 for waste disposal.

7. Handling and storage

7.1. Precautions for safe handling

Do not eat, drink or smoke in work areas, wash hands after use, remove contaminated clothing and protective equipment before entering eating areas. Molten product can cause severe burns. Use molten product in well ventilated areas.

7.2. Conditions for safe storage, including any incompatibilities

The solid product can be stored for indefinite periods in cardboard boxes, wove polypropylene bags or cartons on pallets. Store away from possible sources of contamination and in cool, dry conditions.

7.3. Specific end use(s)

If you require advice on specific uses, please contact your suppliers.

8. Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available

8.3. Exposure controls:

Adequate personal protective equipment must be worn when handling wax in its molten state

Engineering measures:	Use molten product in well ventilated areas.
Respiratory protection:	Respirators/dust masks
Hand protection:	Use appropriate heat resistant gloves when handling the product in its molten state.
Eye protection:	Safety glasses with side-shields

9 Physical and chemical properties

Physical form	Waxy disc
Colour	Dark Brown/Black.
Odour	Characteristic
pH of aqueous solution	Not applicable
Boiling point	Not determined
Melting point	40 °C
Viscosity	Not applicable
Flash point	Approximately 195°C
Flammability solid/gas	Not determined
Autoflammability	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined
Vapour pressure	Not determined
Specific gravity	Not determined
Water solubility	Insoluble
Bulk density	Miscible with most petroleum products

10.Stability and reactivity

10.1. Reactivity

Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Flash point greater than 195°C

10.3. Possibility of hazardous reactions

No hazardous reactions are expected to occur under normal storage and handling.

10.4. Conditions to avoid

N/a

10.5. Incompatible materials

May react to strong oxidants

10.6. Hazardous decomposition products

Can produce fumes

11. Toxicological information

General information

This product has low toxicity and poses virtually no hazard to health when used in normal industrial practices. Only large volumes may have adverse impact on human health.

Inhalation
Fumes may cause respiratory tract irritation. If fumes present in high concentration efficient localised extraction must be used.

Ingestion
No harmful effects expected in amounts likely to be ingested by accident, however may cause irritation of throat.

Skin contact
Skin sensitisation or irritation is very infrequent.

Eye contact
Fumes may cause irritation. If fumes present in high concentration efficient localised extraction must be used.

12. Ecological information

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1 Toxicity

No data available but unlikely to be harmful, expected to be non-toxic to aquatic organisms, fish and mammalian wildlife.

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating

12.4. Mobility in soil

Insoluble in water.

12.5. Other adverse effects:

A spillage of molten product could produce local scorch damage.

13. Disposal considerations

Disposal considerations must take into account that waxes are generally non-biodegradable in the short term. Non-recoverable waste should be disposed of via a licensed waste contractor.

14. Transport information

UN number	Not assigned
IMDG code/class	Non hazardous
ICAO/IATA (air) class	Non hazardous
RID/ADR class	Non hazardous
ADNR class	Non hazardous

15. Regulatory information

Not classified as hazardous for supply under UK CPL or CHIP Regulations.

16. Other information

Disclaimer: Such information is to the best of T N Lawrence and Sons knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.