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### Rhinds Hard Liquid Etching Grounds

(TNL 1710 - 1713)

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

Product name: Rhind's Hard Liquid Etching Grounds  
Stock codes: 1710, 1712, 1713  
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

Product Class: Petroleum Hydrocarbon  
D.O.T Hazard class: 3 Flammable liquid

##### 2.2. Label elements:

D.O.T. Label Flammable

##### 2.3. Other hazards

Threshold limit value: 300PPM (ACGIH - 8hr time weighted average)

#### 3. Composition/information on ingredients

##### 3.1. Substances

79.8% VM&P Naptha CAS Number: 64742-89-8  
PEL - Not established

#### 4. First aid measures

##### 4.1. Description of first aid measures

Inhalation Move patient to fresh air and get medical advise.  
Ingestion No data  
Skin contact May cause irritation.  
Eye contact May cause irritation.

##### 4.2. Most important symptoms and effects, both acute and delayed

Breathing high vapour concentration may result in mild depression, convulsions, loss of consciousness or lung damage.

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Foam, CO<sub>2</sub>, dry chemical or water fog.

### 5.2. Special hazards arising from the substance or mixture

Do not store or mix with strong oxidants.

### 5.3. Advice for fire-fighters

No one other than trained fire fighters should attempt to fight fires. Use air supplied rescue equipment for enclosed areas, cool containers with water.

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Use in well ventilated areas. Avoid breathing concentrated fumes.

### 6.2. Environmental precautions:

Avoid ignition sources.

### 6.3. Methods and material for containment and cleaning up

Recover free liquid, use absorbent material for small spills.

## 7. Handling and storage

### 7.1. Precautions for safe handling:

Use in well ventilated areas, use appropriate breathing apparatus if needed. Wear protective gloves and eyewear.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep away from sparks, heat and open flame. Keep containers closed. Do not store or mix with strong oxidants.

## 8. Exposure controls/personal protection

### 8.1. Personal protective equipment

Respiratory protection: Use in well ventilated areas, use breathing apparatus if needed.

Hand protection: Wear gloves. When heating above 200°F use impermeable gloves.

Eye protection: Goggles

## 9 Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical form	Liquid
Colour	Black
Odour	Bland petroleum
Boiling point (°C)	Greater than 240°F
Flash point	54°F
Evaporation rate:	Slower than ether
Flammability	Flammable
Lower explosion limit:	0.9% estimated
Percentage Volatile wt:	N/A
Vapour pressure	45mm at 25°C
Liquid Density	Lighter than water
Vapour density	Heavier than air

## 10. Stability and reactivity

### 10.1. Reactivity

No data

### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactions

Flammable

### 10.4. Conditions to avoid

Heat, sparks and open flames, contains natural asphaltum.

### 10.5. Incompatible materials

Strong oxidants

### 10.6. Hazardous decomposition products

Will produce fumes on ignition

## 11. Toxicological information

No data available

## 12. Ecological information

### 12.1 Toxicity

No data available

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6. Other adverse effects

No data available

## 13. Disposal considerations

### 13.1. Waste treatment methods

Dispose of in accordance with local, state and federal regulations.

## 14. Transport information

**D.O.T. Shipping name:** Petroleum distillates N.O.S

**D.O.T. Hazard Class:** 3 (Flammable liquid)

**D.O.T. Identification:** UN1268

**D.O.T. Label:** Flammable

**15. Regulatory information**

No data available

**16. Other information**

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