

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

Product name: Lymmit Gilding Size 1hr and 4hr

Stock codes: 5870, 5871

Relevant identified uses of the substance or mixture:

For gilding

Company name: Wright's of Lymm Ltd

Wright House

Millers Lane

Lymm, Cheshire

WA13 9RG

Tel: 01925 752226

Fax: 01925 757569

#### 2. Hazards identification

Flammable (also refer to sections 11 and 15)

#### 3. Composition/information on ingredients

##### 2.1. Classification of the substance or mixture

Substances presenting a health hazard within the meaning of the Chemicals (Hazard Information and Packaging) Regulation 1993.

| Name         | Conc. Range % | Symbol Letter | R-phrases* |
|--------------|---------------|---------------|------------|
| White Spirit | 25-50         | None          | 10         |

\*For full text see section 16

#### 4. First aid measures

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

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything orally to an unconscious person.

Inhalation Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

Ingestion If accidentally swallowed obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

Skin contact Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. DO NOT use solvents or thinners.

Eye contact Contact lenses should be removed. Irrigate copiously with clear, fresh water for at least 10 minutes, holding the eyelids apart, seek medical advice.

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Recommended - Alcohol resistant foam, CO<sub>2</sub>, powder, water spray/mist

Not to be used - Water Jet

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

Products of decomposition/combustion include: Will produce a dense black smoke containing hazardous products of combustion - Carbon monoxide (CO), Carbon dioxide CO<sub>2</sub>, Oxides of Nitrogen (N).

### 5.3. Advice for fire-fighters

No one other than trained fire fighters should attempt to fight fires. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run off from fire fighting to enter drains or water courses.

## 6. Accidental release measures

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

Avoid breathing vapours. Exclude non-essential personnel. Refer to protective measures listed in section 7 and 8.

### 6.2. Environmental precautions:

Do not allow to enter drains or water courses. If the product enters drains or sewers the local water company should be contacted immediately. In the case of contamination of streams, rivers or lakes, the National Rivers Authority.

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

Clean preferably with a detergent, avoid the use of solvents. Contain and collect spillages with non-combustible materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with waste regulations (see section 13).

### 6.4. Reference to other sections

Protective measures in Section 7 and 8, Waste disposal Section 13.

## 7. Handling and storage

### 7.1. Precautions for safe handling:

Prevent air-borne concentrations higher than the occupational exposure limits. Keep the container tightly closed. Exclude sources of heat, sparks and open flames. Avoid skin and eye contact. Avoid inhalation of vapour (and spray mist) smoking, eating and drinking should be prohibited in areas of storage and use. For personal protection see Section 8. Never use pressure to empty, the container is not a pressure vessel. Always keep in containers made of the same material as the supply container. Good housekeeping standards and regular safe removal of waste materials will minimise risks of spontaneous combustion and other fire hazards. The manual handling operations regulations may apply to the handling of containers of this product.

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

Observe the label precautions. Store between 5 and 25°C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

Although the storage of this product is not subject to specific statutory requirements, the principals contained in the H.S.E. Guidance Note Storage of Flammable Liquids in Containers should be observed.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

#### Engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below

the relevant occupational exposure limits, suitable respiratory protective equipment should be worn. (see personal protection below)

#### Exposure limits

#### Occupational exposure limits

| Substance    | 8hr TWA          | 10Min STEL       |
|--------------|------------------|------------------|
| White Spirit | 100ppm (575mg/m) | 125ppm (725mg/m) |

#### Notes

1. Long term exposure limit - 8hr time weighted average.
2. Short term exposure limit - 10min reference period

#### **8.2 Exposure controls:**

##### Personal protective equipment

All PPE, including RPE, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.

Respiratory protection: If exposure to hazardous substances identified above cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable respiratory equipment should be worn.

Hand protection: When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of the skin but are substitutes for full physical protection. They should not be applied once exposure has occurred.

Eye protection: Eye protection designed to protect against liquid splashes should be worn.

Body protection: Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

## **9 Physical and chemical properties**

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

|                        |                      |
|------------------------|----------------------|
| Colour                 | Clear or tinted      |
| Flash point            | 38°C                 |
| Lower explosion limit: | 0.8%                 |
| Vapour density         | Heavier than air     |
| Solubility in water    | Insoluble            |
| Viscosity              | 4.0-6.0 pose at 25°C |

## **10.Stability and reactivity**

### **10.1. Reactivity**

Can react with oxidising agents and strong acidic materials causing exothermic reaction.

### **10.2. Chemical stability**

Stable under recommended storage and handling conditions

### **10.3. Possibility of hazardous reactions**

Possibility of exothermic reaction.

#### 10.4. Conditions to avoid

Sources of ignition, oxidising agents and strong acids.

#### 10.5. Incompatible materials

No data

#### 10.6. Hazardous decomposition products

Dense black smoke containing hazardous products of combustion - Carbon monoxide (CO), Carbon dioxide CO<sub>2</sub>, Oxides of Nitrogen (N).

### 11. Toxicological information

There is no data available on the product itself.

Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on the renal and central nervous system. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eye may cause irritation and reversible local damage.

### 12. Ecological information

#### 12.1 Toxicity

There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface water.

The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

### 13. Disposal considerations

#### 13.1. Waste treatment methods

Do not allow into drains or water courses or be disposed of where it can affect ground or surface water. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

(Using the information provided in this safety data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply.)

### 14. Transport information

#### UK Road/rail

|                 |                  |
|-----------------|------------------|
| Classification: | Flammable Liquid |
| SI Number:      | 1263             |
| Packing group:  | 111              |

#### I.M.O.

|                   |      |
|-------------------|------|
| Class:            | 3.3  |
| Packing group:    | 111  |
| UN Number:        | 1263 |
| Marine pollutants | Yes  |

### 15. Regulatory information

Flammable. Keep away from sources of ignition. No smoking.

The information contained in the safety data sheet does not constitute the user's own assessments of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to this product at work.

## **16. Other information**

Text of R-phrase listed in section 2: RIO-FLAMMABLE.

This safety data sheet is provided in accordance with the provisions of section 6 of the Health and Safety at Work etc Act 1974, as amended by the Consumer Protection Act 1987.

The product should not be used for purposes other than shown in section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and relevant advice can be found in:

The Control of Substances Hazardous to Health Regulations 1988 (SI 1988:1657)

The Manual Handling Operations Regulations 1992 (SI 1992:2793)

The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992:2839)