

## Product Information – Wax Handling & Storage

NB full H&S/COSHH information for individual products is available on request

### **Wax Properties**

- Not considered hazardous for supply/transport
- Odour – paraffinic hydrocarbon
- Melt point 65 - 80°C
- Boiling point >200°C
- Flash point >200°C
- Flammability very low
- Vapour pressure negligible
- Solubility in water negligible

### **Storage**

- No special precautions needed
- Store at ambient temperature
- Above 85°C decomposition may occur affecting wax performance
- Avoid exposure to strong sunlight as appearance may deteriorate
- Shelf life: Filled, Straight(Unfilled), Reconstituted and Reclaimed wax 1 year
- Shelf life: Emulsified and Watersoluble wax 6 months (NB keep dry)

### **Wax Handling**

- Not considered hazardous for supply. When molten wax is potentially harmful due to the temperature of the material

Personal protection (solid):

- no special requirements
- maintain normal good procedures, i.e. do not eat, drink, smoke when using the product
- barrier cream and suitable clothing/gloves may be desirable

Personal protection (molten):

- risk of burns, use suitable protective clothing and eye protection

### **Precautions**

- Avoid heating above 120°C
- NB the temperature must never be allowed to exceed 180°C except during dewaxing/firing when using approved equipment

Occupational exposure limit

- 2.0 mg/m<sup>3</sup> (8hr TWA) for fume/dust
- 6.0 mg/m<sup>3</sup> (STEL) for fume/dust
- Wear suitable filter if OEL likely to be exceeded
- Use in well ventilated area, local extraction may be needed

### **Ecological & Disposal Information**

- Disposal, if liquid allow to cool and solidify. Solids should be disposed of according to local regulations
- No adverse environmental effects foreseen
- Insoluble, not readily biodegradable
- Dispose of through an authorised contractor to a licensed site
- Can be incinerated through an authorised contractor
- Can be recycled
- Packaging can be treated as above