



COSMOLLOID 80H
Micro-crystalline Wax
Material Safety Data Sheet

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PRODUCT INFORMATION: A blend of petroleum waxes, combining freely with other waxes and resins. No detrimental effect in contact with a wide range of materials including wood metal, canvas, paper and parchment.

HAZARDS IDENTIFICATION: There are no general or specific hazards.

PHYSICAL & CHEMICAL PROPERTIES: Form: off-white solid
Odour: characteristic
pH: - not applicable
Melting point: 82C
Flashpoint: >170C
Flammability: no data
Auto-ignition temperature: non-volatile
Explosion limits: not applicable
Solubility: soluble in most (heated) organic solvents
Immiscible in water
Viscosity: 15mPas @ 100C

HANDLING & STORAGE: Wash hands after handling and before touching food.
Store stock in well-sealed container in cool, dry conditions shielded from prolonged sunlight.

ACCIDENTAL RELEASE:
Personal precautions: Avoid sources of heat or ignition.
Cleaning spillage: Allow liquid wax to solidify, then sweep up and shovel into suitable container for disposal.

FIRE-FIGHTING:
Suitable extinguishing media: Carbon dioxide, dry chemical, foam or water-spray.
Suitable personal protective equipment: Self-contained breathing apparatus if required.
Guard against risk of skin contact with molten wax.

**FIRST-AID:**

Eyes: Rinse well with clean water. If irritation persists, consult a doctor.

Skin: Wash at once with cold running water. Do not remove burned skin before proper medical treatment.

Sensitisation: None

Inhalation: Fumes from burning wax can cause discomfort. Move to fresh air. Call doctor if breathing difficulties persist.

EXPOSURE CONTROLS

Personal protection: Ensure adequate ventilation or wear suitable breathing apparatus. Protect hands with insulated gloves and wear other protective clothing including safety glasses as required.

Exposure limits:

OEL (UK HSE): Paraffin wax, fume: 2mg/m³(TWA)

US ACGIAH TLV: Paraffin wax, fume: 2mg/m³(TWA)

US OSHA PEL: Paraffin wax, fume: 2mg/m³(TWA)

STABILITY & REACTIVITY:

Conditions and materials to avoid: none.

Hazardous decomposition products: carbon monoxide, carbon dioxide, (CO₂), hydrocarbons.

TOXICOLOGICAL DATA:

Acute toxicity: no data

ECOLOGICAL DATA:

Not biodegradable. Toxicity to marine life unlikely due to the wax's low solubility.

DISPOSAL CONSIDERATIONS:

Waste residue can be disposed of or burned in an approved installation; observe local regulations.

TRANSPORT INFORMATION:

Regulatory information: Cosmolloid 80H wax is not dangerous in transport and does not need to be labelled as hazardous under EEC regulations(EC Directive 67/548 as amended)
CAS number: mixture.

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