



Peregrine Brushes & Tools

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MS2B Resin Product Safety Data

MS2B is not considered to be a hazardous product under National and International regulations and codes. MS2B should be regarded as harmful by ingestion and irritating to eyes. MS2B dust should be regarded as harmful by inhalation.

IDENTIFICATION OF SUBSTANCE OR PREPARATION

Product: MS2B Resin

Application: Varnish for restoration and protection of paintings

COMPOSITION

Chemical Description: Reduced Cyclic Ketone Polymer

Hazardous Ingredients Name: Reduced Cyclic Ketone Polymer

% CAS EINECS: 100

Supply Class: Not regulated, but recommended exposure limit applies

HAZARDS IDENTIFICATION

May be slightly harmful if swallowed. May be slightly irritating to eyes. Not considered or regulated as a hazardous product under National & International regulations and codes.

FIRST AID MEASURES

Eyes: Immediately gently irrigate with clean water for at least 15 minutes. If any irritation persists, seek immediate medical attention.

Skin: Remove contaminated clothing. Wash affected skin with soap and plenty of water. If irritation develops, seek medical attention.

Ingestion: Give 2 1/2 cups of milk or water to drink as soon as possible. **DO NOT** induce vomiting. Consult doctor as soon as possible.

Inhalation: Get fresh air, stay calm and rest, consult a doctor if any symptoms persist.

FIRE FIGHTING MEASURES

Extinguishing media: Water spray or CO²

Fire and Explosion hazards: If involved in a fire, harmful fumes may be given off.

Protective Measures: In emergency situations, the use of a self contained breathing apparatus may be necessary.

ACCIDENTAL RELEASE MEASURES (SPILLAGE)

Personal Precautions: Wear PVC gloves and goggles. Wear a dust mask.

Environmental Precautions: Collect as much as possible in suitable containers. Do not wash into potable water sources or supply. Dispose of in accordance with national/local regulations.

Recovery: Sweep up carefully, avoiding creating airborne dust and put in a lidded plastic container.

STORAGE & HANDLING

Containers should be stored closed under cool dry conditions. MS2B should be used with good natural or mechanical ventilation. Rubber or PVC gloves and goggles should be worn to help prevent irritation.

EXPOSURE CONTROLS

Occupational Exposure Limits for dust apply. (5mg/m¹ for respirable dusts, 10mg/m³ total dust (EH40). Mechanical extraction should be used for solvent based formulations where natural ventilation is poor.

Personal Protective Equipment: Respiratory protection is necessary if spraying solvent based formulations. For hand protection, wear rubber/PVC gloves to help prevent mechanical irritation. For eyes, wear goggles to help prevent mechanical irritation.

PHYSICAL/CHEMICAL PROPERTIES

Appearance is a pale yellow crystalline solid. There is a slight perceptible odor of the camphor type.

Melting Point: Above 85° C

Flash Point: Above 105° C

Solubility: Fully soluble in white spirit

STABILITY & REACTIVITY

MS2B is stable under normal ambient conditions. MS2B should not be used in confined spaces with poor ventilation. Where decomposition occurs i.e. In a fire, hazardous fumes, including carbon monoxide, may be released.

TOXICOLOGICAL INFORMATION

SHORT TERM:	Eyes	May cause slight irritation/redness
	Skin	No significant effects reported
	Ingestion	May be slightly harmful if swallowed. Consideration of toxicology of similar products indicates an LD50 oral rate of greater than 2000 mg/kg
	Inhalation	May be slightly harmful by inhalation
LONG TERM:	No significant long term effects reported	

ECOLOGICAL INFORMATION

Biodegradability: Not expected to present a significant ecological hazard.

Aquatic Toxicity: Not expected to present a significant ecological hazard.

DISPOSAL CONSIDERATIONS

In accordance with local regulations governing non-hazardous solid waste.

****This information is given as a guide and does not constitute or substitute for the users own assessment of risk in their workplace.****

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