

# Material & Safety Data Sheet

According to 1907/2006/EC

Document : Peelable Masking Product MSP R93B

Created date: May 2004 – Updated date: 05/10/11 - Revision number: 07

ISO 11014-1

(1194-F)

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## 1- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

- Trade name: **MSP R93B**
- Application of the substance/preparation: Soft soldering.
- Manufacturer: **M.B.O.**  
**Rue de la Fonderie**  
**21806 CHEVIGNY-SAINT-SAUVEUR CEDEX**
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- Contact: **MBO Technical Manager**

## 2- HAZARDS IDENTIFICATION:

-- Hazard description: Not applicable

-- Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

The product could cause burns during soldering.

The product could cause digestive disorders in case of ingestion.

The product could cause irritation to eyes if in prolonged contact with eyes.

The product could cause irritation to respiratory system in case of massive and prolonged inhalation of fumes.

In normal conditions of use, there is no particular hazard.

-- Prevention:

It is recommended to wear safety glasses, protective gloves and to work with a good ventilation of area.

-- GHS label elements:

None

## 3- COMPOSITION/INFORMATION ON INGREDIENTS:

Description : Mixture of the following substances :

| Product   | CAS N°    | EC N°     | R-Phrases    | S-Phrases                | %   |
|---|-----------|-----------|--------------|--------------------------|-----|
| Water-based dispersion of Polyisoprene, stabilized with Ammonia Solution (=Latex) | -         | -         | -            | -                        | >70 |
| Ammonia Solution (Preservative agent contained in Latex)                          | 1336-21-6 | 215-647-6 | C, N, R34-50 | S(1/2)-26-36/37/39-45-61 | <1  |
| Acrylic copolymer   | -         | -         | -            | -                        | <1  |

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## 4- **FIRST AID MEASURES:**

### -- **General information:**

Immediately remove any clothing soiled by the product.

Take affected persons out into the fresh air.

Take affected persons out of danger area and lay down.

DO NOT INDUCE VOMITING if patient is unconscious.

Seek medical attention if symptoms persist.

### -- **After inhalation:**

In case of unconsciousness place patient stably in side position for transportation.

Take affected persons into fresh air and keep quiet.

### -- **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation appears or persists, consult a doctor.

### -- **After eye contact:**

Rinse opened eye for several minutes under running water. Then consult a doctor.

### -- **After swallowing:**

Call for a doctor immediately because latex will coagulate in the digestive tube.

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## 5- **FIRE-FIGHTING MEASURES:**

Not concerned because the product is a water-based dispersion.

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## 6- **ACCIDENTAL RELEASE MEASURES:**

### -- **Person-related safety precautions:**

Slippery floor by product spill.

Avoid contact with warm product.

Remove persons from danger area.

Wear protective equipment: protective clothes, gloves, safety glasses (eyeshade) and respiratory protective device against the effects of fumes/dust in case of insufficient ventilation.

Keep unprotected persons away.

### -- **Measures for environmental protection:**

Prevent seepage into sewage system, workpits and cellars.

Do not allow to enter sewers/ surface or ground water.

### -- **Measures for cleaning/collecting:**

Absorb with inert material.

Ensure adequate ventilation.

### -- **Additional information:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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## 7- HANDLING AND STORAGE:

### - **Handling:**

Avoid contact with skin, eyes and clothes.

Do not breathe vapours/fumes during soldering.

See Section 8 for information on personal protection equipment.

In case of operations which generate dust or fume, either adequate ventilation must be provided, or the users must make use of approved respirators.

### - **Storage:**

In original packaging at a temperature between 10°C and 30°C.

Keep packaging well closed.

Since latex used in the composition of the product is sensitive to cold, avoid storage of the product below 10°C.

Preservation: 6 months from the manufacturing date.

Packaging materials to avoid: iron, aluminium, copper, manganese and manganese alloys, exposed metal in general (see Section 10).

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## 8- EXPOSURE CONTROLS/PERSONAL PROTECTION:

### -- **Personal protective equipment:**

#### -- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals: do not smoke, drink and eat at work place.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes.

Avoid contact with the eyes and skin.

#### -- **Respiratory protection:**

Suitable fumes extraction system must be locally installed.

Use suitable respiratory protective device in case of insufficient ventilation.

#### -- **Protection of hands:**

Gloves are recommended.

#### - **Eye protection:**

Safety glasses (eye shade if the product is warm) are recommended.

Eye-washing must be provided in the storage place and workplace.

#### -- **Body protection:**

Protective work clothing is recommended.

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## 9- PHYSICAL AND CHEMICAL PROPERTIES:

|   |                                  |
|---|----------------------------------|
| - <b>Form:</b>                          | Paste                            |
| - <b>Colour:</b>                        | White                            |
| - <b>Odour:</b>                         | Slightly ammoniated              |
| - <b>pH:</b>                            | 9.5-10.5                         |
| - <b>Viscosity at 20°C:</b>             | 75-100 Pa.s                      |
| - <b>Polymerisation:</b>                | 15 to 30 min at room temperature |
| - <b>Emission of vapour to monitor:</b> | Ammoniac (NH <sub>3</sub> )      |

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## 10- **STABILITY AND REACTIVITY:**

### - **Thermic decomposition / conditions to avoid:**

All masking products evolve slowly during storage. For this reason, it is recommended to use the products in the order of receipt.

**Shelf-life:** 6 months from the manufacturing date

Avoid freezing.

Avoid contact with acids, salts and alcohols as they coagulate the masking product.

### - **Hazardous reactions:**

None according to our knowledge.

### - **Hazardous decomposition products:**

None according to our knowledge.

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## 11- **TOXICOLOGICAL INFORMATION:**

### - **Acute toxicity:**

None according to our knowledge.

### - **Irritation:**

In case of prolonged contact, irritating to eyes and respiratory system.

In case of direct contact with skin, allergic dermatitis (eczema).

### - **Effect after swallowing:**

In case of ingestion, general and digestive disorder which can be serious.

### - **Other toxicological information:**

In normal conditions of use, the product has no harmful effect on health according to our experience and the information we have.

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## 12- **ECOLOGICAL INFORMATION:**

### - **General notes:**

Do not allow product to reach ground water, water course or sewage system.

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## 13- **DISPOSAL CONSIDERATIONS:**

The masking product and water containing masking product should be processed in a precipitation tank, then coagulated with alumina sulphate, iron chloride or calcium.

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## 14- **TRANSPORT INFORMATION:**

### - **DOT regulations:**

Hazard class: -Not regulated.

### - **Land transport ADR/RID (cross-border):**

ADR/RID class: -Not regulated.

### - **Maritime transport IMDG:**

IMDG Class: -Not regulated.

Marine pollutant: No

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**- Air transport ICAO-TI and IATA-DGR:**

**ICAO/IATA Class:** -Not regulated.

**- General information:**

Recommended coating for tanks: steel, stainless steel.

Recommended coating for containers: epoxy resin.

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## **15- REGULATORY INFORMATION:**

The product does not require a hazard warning label in accordance with EC directives/French regulations on dangerous substances.

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## **16- OTHER INFORMATION:**

This material safety data sheet is entirely written in accordance with regulations in force.

### **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Reglement internationale concernent le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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