



# RXSOL

CHEMO PHARMA INTERNATIONAL

**RXSOL-20-2210-210**  
PRELOAD Slip HOLD BLOCK

## Material Safety Data Sheet (MSDS)

[www.rxmarine.com](http://www.rxmarine.com)

### 1. Product and Company Identification

|              |                                                                                                                  |
|--------------|------------------------------------------------------------------------------------------------------------------|
| Product name | RXSOL-20-2210-210 PRELOAD                                                                                        |
| Product type | Slip Barrier Coat RXSOL HOLD BLOCK Resist ( Creating polymer film to protect HOLD surface from Hazardous CARGO ) |

#### Company Details

RX MARINE INTERNATIONAL  
105 , A-wing, BSEL TECH PARK  
VASHI , NEW BOMBAY 400705  
INDIA

Stock Branch ::: Mumbai, Kandla, Chennai, Ennore, Visakhapatnam, Gangavaram, Kolkata, Haldia, Fujairah, Muscat, Nairobi

|       |                                                          |
|-------|----------------------------------------------------------|
| Phone | +91 22 20871200 / 20871300 / 201871400                   |
| Fax   | +91 22 2781 1318 :::AOH :0091 9821214367                 |
| Email | <a href="mailto:mail@rxmarine.com">mail@rxmarine.com</a> |

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### 2. Composition / Information on ingredients

| Chemical Name               | Concentration by Percentage |
|-----------------------------|-----------------------------|
| Polyvinyl Alcohol           | 5-10                        |
| Contains Emulsified POLYMER | <15                         |
| Non classified ingredients  | 70 - 75                     |

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### 3. Hazards Identification

|                   |                                                                              |
|-------------------|------------------------------------------------------------------------------|
| Odour             | Odourless                                                                    |
| Appearance        | Liquid, clear                                                                |
| Contact with eyes | Can cause damage to the eyes                                                 |
| Contact with skin | Can cause damage to the skin                                                 |
| Inhalation        | Vapours or aerosols may cause irritation of eyes, nose and respiratory tract |
| Ingestion         | The ingestion of significant quantities may cause damage to stomach lining   |

|                       |           |
|-----------------------|-----------|
| Environmental Hazards | None      |
| Human Health Hazards  | Moderates |

#### 4. First Aid Measures

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|              |                                                                                                                                                                                                                                                                                                               |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General      | In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)                                                                                                                                                                                              |
| Inhalation   | Harmful,. supply or remove to fresh air and seek medical advice attention                                                                                                                                                                                                                                     |
| Skin Contact | May cause irritation Rinse with running water and soap. Skin care. Remove contaminated clothes. Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical advice if necessary Contaminated clothing should be laundered before reuse |
| Eye Contact  | If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes ( Flush with running water for at least 15 minutes Immediately . ) Obtain immediate medical attentionContinue flushing with water until medical help arrives                                                |
| Ingestion    | Vomiting is dangerous , seek medical attention. ( Do not induce vomiting ) Never give anything by mouth to an unconscious person Give plenty of water to drink Obtain immediate medical attention                                                                                                             |

#### 5. Fire-fighting Measures

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Non combustible Decomposition products may include toxic and irritant fumes Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

|                                                |                                          |
|------------------------------------------------|------------------------------------------|
| Suitable                                       | N.A. can use foam dry Co2 , water-spray. |
| Not suitable                                   | Not applicable                           |
| Special                                        | Not applicable                           |
| Protection of fire Fighter                     | Not applicable                           |
| Flashpoint                                     | > 250° C                                 |
| Special protective equipment for fire-fighters | Wear protective equipment.               |

#### 6. Accidental Release Measures

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|                           |                                                                                                                           |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Personal Precautions      | Wear protective clothing as per section 8                                                                                 |
| Environmental Precautions | Do not allow to enter public sewers and watercourses                                                                      |
| Immediate Actions         | Contain spillage by any means possible                                                                                    |
| Clean Up Actions          | Absorb spillage in inert material and shovel up Ventilate the area and wash spill site after material pick-up is complete |
| Special Precautions       | Wear protective clothing as per section 8                                                                                 |
| Enviromental Precaution   | Direct flow into drainage system, surface or ground water is prohibited.                                                  |

|                 |                                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------|
| Cleaning Method | Flush Spill Area with Water and remove with liquid-absorbing material like foam sand, sawdust etc.. |
|-----------------|-----------------------------------------------------------------------------------------------------|

## 7. Handling and Storage

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|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Handling           | The usual precautions for handling chemicals should be observed See Section 8 Eyewash bottles should be available. |
| Storage            | Keep only in the original container in a cool, well ventilated place (S3/9/49) Protect from frost.                 |
| Condition to Avoid | Non flammable but avoid direct heating                                                                             |
| Materials to Avoid | Do not subject to Acidic / Oxidizing Agents.                                                                       |
| Handling           | Keep Container Tightly Closed                                                                                      |

NOTE : Eyewash facilities require at workplace The product causes corrosion on skin and mucous membranes Pl. Note that In case of discharge of acidic or alkaline products into the sewerage system the pH must be in the range of 6-10 since higher or lower pH values may damage the sewerage system or impair biological dosage treatment plants. So that for maintaining pH we have to add acidic / basic medium neutraliser . For example if pH is less than 6 basic neutraliser is required and if pH is more than 10 acidic nature neutraliser is required. For details of any guideline pl. Visit our technical website [www.rxmarine.com](http://www.rxmarine.com)

- Dilute in water (always use plastic jar and RXSOL should be added to water never add water to RXSOL.)

## 8. Exposure controls and personal protection

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|                                |                                                                                                                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure Limits                | There are no recommended or established controls for this product                                                                                                                    |
| Exposure controls              | No special ventilation is required unless the product is used in a spray form                                                                                                        |
| Occupational exposure controls | Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended) During fumigation/spraying wear suitable respiratory equipment (S42) |
| Personal protection            |                                                                                                                                                                                      |
| Respiratory System Protection  | Approved respirator must be worn when spraying                                                                                                                                       |
| Eye Protection                 | wear eye protection (on possibility of contact )                                                                                                                                     |
| Hand protection                | wear PVC chemical resistance protective glove                                                                                                                                        |

## 9. Physical and chemical properties

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### PRODUCT PROPERTIES:

|               |                                    |
|---------------|------------------------------------|
| Appearance    | Clear Liquid                       |
| Density       | In g/cm <sup>3</sup> at 20°C: 1.01 |
| Compatibility |                                    |
| Metal         | No known effect                    |
| Rubber        | No known effect                    |

|                   |                                                |
|-------------------|------------------------------------------------|
| pH<br>Flash point | 4.5 to 7.5                                     |
| Solubility        | 100% soluble in water                          |
| Packaging         | 210 Size (in Litres), Also Available in 25 Ltr |

## 10. Stability and reactivity

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- Stable
  - Avoid overheating, Keep away from frost
  - See Section 5
  - Hazardous Decomposition Products:  
Do not occur if stored and used as directed. In FIRE combustion CO, CO<sub>2</sub>, NH<sub>3</sub>, SOX etc hazardous gas produced.
- NOTE : AVOID CONTACT WITH ACID

## 11. Toxicological information

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|                           |                                                                               |
|---------------------------|-------------------------------------------------------------------------------|
| Toxicological information | No experimental data available.                                               |
| Inhalation                | Vapours or aerosols may cause irritation of eyes, nose and respiratory tract. |
| Contact with skin         | Prolonged skin or eye contact may cause chemical burns.                       |
| Contact with eyes         | Prolonged skin or eye contact may cause chemical burns.                       |
| Ingestion                 | The ingestion of significant quantities may cause burning sensation.          |
| Carcinogenicity           | No evidence of carcinogenic effects.                                          |
| Inhalation                | Vapours or aerosols may cause irritation of eyes, nose and respiratory tract. |
| LD50 (oral)               | > 2000 mg/kg - (Polyvinyl alcohol, partly saponified).                        |

## 12. Ecological information

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No components of this material are toxic to aquatic organisms, product are readily biodegradable by mixing with water.

## 13. Disposal considerations

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|                         |                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------|
| Disposal considerations | Non hazardous. Disposal should be in accordance with local, state or national legislation. |
|-------------------------|--------------------------------------------------------------------------------------------|

## 14. Transport information

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Transport over land ADR/RID : Not classified as hazardous for transport

## 15. Regulatory information

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|                              |                                                                                                                                                                                                                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Classification and labelling | Not classified as hazardous for users- S2 : Keep out of reach of children S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 : After contact with skin, wash immediately with plenty of water. S37/39 : Wear suitable gloves and eye/face protection. |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 16. Other information

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This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties. Text of R and S phrase codes used in this safety data sheet

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