


Rubbond HM100

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION	
Manufacturer TWC Rajsha Chemicals Private, Ltd. 637 Lamdapura Road, At Manjusar, Ta Savli, Dist Vadodara 391775, Gujarat, India Tel: +91 96620 49271	Emergency Contact Chemtrec: 1-800-424-9300 (USA) (1)330-542-8400 (outside USA)
Trade Name(s): Rubbond HM100, HMMM	Chemical Name: Melamine Resin
Relevant identified uses of the substance or mixture and uses advised against: Used in Melamine Formaldehyde Resin and related industrial products	Application of the substance/the preparation: None determined.
Issued By: Sovereign Chemical Company According to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS	Date of Issue: November 1, 2024

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture
 Information in accordance with OSHA Hazard communication Standard 1910.1200 (Hazcom 2012), Regulation (EC) No 1272/2008

The following Hazard Statements are applicable to EU regulations and US GHS regulations:

- Hazard Pictograms (CLP) :  GHS07
- Signal Word : Warning
- Hazard statements (CLP) : H412 – Aquatic Chronic, Category 3
 H317 – Causes Skin Irritation, Category 1
 H332 - Harmful if inhaled. Category 4
- Precautionary statements (CLP) : P261 – Avoid breathing dust/fume/gas/mist/vapors/spray.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P280 - Wear protective clothing, eye protection, face protection, protective gloves.
 P302 + P353 - IF ON SKIN: wash with plenty of soap and water.
 P333 + P313 - IF SKIN irritation or rash occurs: Get medical advice/attention.
 P363 - Wash contaminated clothing before reuse.
 P273- Avoid release into the environment.
 P501 - Dispose of contents/container according to local regulations.
 P271 - Use only outdoors or in a well-ventilated area

P304 + P340 - IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

Child- resistant fastening : No

Tactile warning : No

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Substance

Chemical Name	CAS No	EC No	Weight %	Classification
1,3,5-Triazine-2,4,6-triamine, polymer with formaldehyde, methylated (Methylated Melamine Formaldehyde Resin)	68002-20-0	614-203-2	100%	H412 – Aquatic Chronic, Category 3 H317 – Causes Skin Irritation, Category 1

4. FIRST AID MEASURES

Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Allow breathing of fresh air. Allow the victim to rest. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Seek immediate medical advice. Get medical advice/attention. Specific treatment (see Rinse thoroughly with plenty of water for at least 20 minutes and take medical advice, Seek immediate medical advice on this label). Wash contaminated clothing before reuse.

First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

Most important symptoms and effects, both acute and delayed.

Symptoms/injuries after inhalation: No additional information available

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

Special hazards arising from the substance or mixture

Fire hazard: Emits toxic fumes under fire conditions.

Hazardous decomposition products in case of fire: Carbon monoxide. Carbon dioxide. Nitrogen oxides.

Advice for firefighters

Firefighting instructions: Inform Fire Brigade. Prevent fire-fighting water from entering the environment. Use water spray or fog for cooling exposed containers. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Do not approach fire except upwind and only with proper skin and respiratory protection (supplied air only). Remove the bags containing the product from the area on fire, if such can be done without any risks.

Protective equipment for firefighters: Do not enter fire area without proper protective equipment, including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES*Personal precautions, protective equipment and emergency procedures*For non-emergency personnel

Protective equipment: Wear protective gloves and eye/face protection. Wear protective clothing as described in Section 8 of this safety data sheet.

Emergency procedures: Evacuate personnel to a safe area.

For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and material for containment and cleaning up

Methods for cleaning up: On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

7. HANDLING AND STORAGE

Precautions for safe handling

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Use only outdoors or in a well-ventilated area. Avoid breathing gas, mist, spray, vapors, fume. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Hygiene measures: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container in a cool, well-ventilated place away from Heat sources. Keep the container closed when not in use.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

Control Parameters

Control parameters: Not enough data available

Exposure Controls

Personal protective equipment: Materials for protective clothing

Materials for protective clothing: Avoid repeated or prolonged skin contact. According to the conditions of use, protective gloves, apron, boots, head and face protection must be worn. Chemical resistant protective apron/clothing (tested to EN 14605 or equivalent). Safety glasses. Rubber boots. Solvent-resistant apron. Remove contaminated clothing. Use multi-purpose combination (US) or type ABEK (EN) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: Wear protective gloves. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Eye protection: Chemical goggles or safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Respiratory protection: Wear an appropriate mask. Where risk assessment shows air purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Other information: Do not eat, drink or smoke during use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Liquid	Melting Point/Range: Liquid / NA
Color: Clear Viscous Liquid	Boiling point/Range: No data available
Odor: Formaldehyde type	Relative density: 1.20 g/cm ³ (typical)
Odor threshold: Not determined	pH value: 7.5-9.5
Vapor Pressure: 18.5 mm Hg	Flash point: > 93°C
Relative vapor density at 20 °C: Not determined	Flammability (solid, gaseous): Nonflammable
Vapor Pressure: 18.5 mm Hg	Auto Ignition temperature: > 325°C
Evaporation rate: No data available	Decomposition temperature: Not determined
Solubility: No data available	Self-igniting: Product is not self-igniting
Log Pow: No data available	Danger of explosion: No data available.
Freezing Point: No data available	Oxidizing Properties: No data available
Viscosity Dynamic: No data available. Kinematic: No data available.	Explosion limits Lower: No data available. Upper: No data available.

10. STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical stability: Stable at ambient temperature and under normal conditions of use.

Possibility of hazardous reactions: No data available.

Conditions to avoid: Keep away from extreme heat, sparks, open flame, and strongly oxidizing conditions. Strong acids. alkali.

Incompatible materials: Strong oxidizing agents. Strong reducing agents.

Hazardous decomposition products: Carbon monoxide. Carbon dioxide. Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: Not classified

Skin corrosion/irritation: Not classified. Based on available data the classification criteria are not met

Serious eye damage/irritation: Not classified. Based on available data the classification criteria are not met

Respiratory or skin sensitization: May cause an allergic skin reaction

Germ cell mutagenicity: Not classified. Based on available data the classification criteria are not met

Carcinogenicity: Not classified. Based on available data the classification criteria are not met

Reproductive toxicity: Not classified. Based on available data the classification criteria are not met

Specific target organ toxicity:
(single exposure) Not classified. Based on available data the classification criteria are not met

Specific target organ toxicity:
(repeated exposure) Not classified. Based on available data the classification criteria are not met

Aspiration hazard: Not classified. Based on available data the classification criteria are not met

Potential adverse human health:
effects and symptoms Harmful if inhaled

Endocrine disrupting properties: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 59(1) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12. ECOLOGICAL INFORMATION

Toxicity: No additional information available

Persistence and degradability: Not established

Bioaccumulative potential: Not established

Mobility in soil: No additional information available

Results of PBT and vPvB assessment: No additional information available

Endocrine disrupting properties: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 59(1) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

Other adverse effects: Avoid release to the environment

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Recommendation: Dispose in a safe manner in accordance with local/national regulations.

14. TRANSPORTATION INFORMATION

UN-Number	
DOT, ADR, ADN, IMDG, IATA, RID	Not regulated
UN proper shipping name	
DOT, ADR, ADN, IMDG, IATA, RID	Not applicable
Transport hazard class(es)	
DOT, ADR, ADN, IMDG, IATA, RID	Not applicable
Packing group	
DOT, ADR, ADN, IMDG, IATA, RID	Not applicable
Environmental hazards	
DOT, ADR, ADN, IMDG, IATA, RID	No
Environmental Hazard Marine	
IMDG	No
Special precautions for user	Not data available
Transport in bulk according to Annex II Of MARPOL73/78 and the IBC Code	
UN	Not applicable

15. REGULATORY INFORMATION

The ingredients of this product are reported in the following inventories:

SARA Section 355 (extremely hazardous substances)	Not listed
SARA Section 313 (specific toxic chemical listings)	Not listed
TSCA (Toxic Substances Control Act)	Listed
Proposition 65 (California)	
Chemicals known to cause cancer	Not listed

Chemicals known to cause reproductive toxicity for females	Not listed
Chemicals known to cause reproductive toxicity for males	Not listed
Chemicals known to cause developmental toxicity	Not listed
Carcinogenic Categories	
EPA (Environmental Protection Agency)	Not listed
IARC (International Agency for Research on Cancer)	Not listed
TLV (Threshold Limit Value established by ACGIH)	Not listed
NIOSH-Ca (National Institute for Occupational Safety and Health)	Not listed
OSHA-Ca (Occupational Safety & Health Administration)	Not listed
Canada	
Canadian Domestic Substances List (DSL)	Ingredient listed
Canadian Ingredient Disclosure list (limit 0.1%)	Not listed
Canadian Ingredient Disclosure list (limit 1%)	Not listed
REACH	
REACH Candidate List	No substance contained
REACH Annex XIV	No substance contained

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.