Material Safety Data Sheet

Ethylene Vinyl Acetate copolymer (RXSOL-96-9603-025)

1. Product and Company Identifaction

Product Name	Ethylene Vinyl Acetate Copolymer
Part Number	RXSOL-96-9603-025

Company Details:
RX MARINE INTERNATIONAL
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2. Composition / informationon ingredients

Name of Substance	Cas Number	EC Num
Ethylene Vinyl Acetate Copolymer	24937-78-8	-------

3. Hazards Identification

Signal Word	None
Hazard Statements	Not classified as dangerous for supply/use. The preparation does not meet the criteria for classification in accordance with Directive 1999/45/EC and Directive 1272/2008/EC.
Precautionary statements prevention	May form combustible dust-air mixtures.
Precautionary statements - response	Avoid skin contact. Avoid inhalation of hot resin fumes and vapors.

4. First Aid Measures

Eye Contact	The product is an inert solid. Treat as for any foreign object in eye. Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately if eyes are irritated.
Skin Contact	First aid is normally not required. For contact with hot products, immediately flush skin with plenty of cold water for at least 15 minutes to dissipate heat. Remove contaminated clothing and shoes. Treat as for skin burns. Get medical attention.
Inhalation:	For exposure to dusts, vapors and/or aerosols formed at elevated temperatures, move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
Ingestion:	Not a likely route of exposure. Wash out mouth and water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

5. Fire-fighting Measures

Extinguishing media	As appropriate for surrounding fire. Extinguish preferably with foam, carbon dioxide or dry chemical.
Unsuitable Extinguishing Media	Do not use water jet or waterspray.
Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Fire Fighting Protective Equipment	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.
Protective Equipment	Use personal protective equipment.
Hazardous Decomposition Product(s)	Combustion or thermal decomposition will evolve toxic and irritant vapours.
Advice for emergency responders	Do not take action without proper training and emergency equipment. See Section 8 for additional information. Evacuate surrounding areas. Eliminate all ignition sources including flares and all open flames. Avoid all contact with spilled material. Maintain adequate ventilation and wear appropriate respiratory protection.

6. Accidental Release Measures

Spillage	Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.
Personal Protection	Caution - spillages may be slippery. Ensure suitable personal protection (including respiratory protection) during removal of spillages. Dust clouds are sensitive to ignition by electrostatic discharge.
Enviromental Precaution	Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for containment and cleaning	Stop spill if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, surface waters, basements or confined areas. Wash spillage into effluent treatment plant. Contain and collect spillage using appropriate personal protective equipment. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handing chemical products or if a risk assessment indicates this is necessary. Collect and contain spillage with non-combustible, absorbent material (e.g. sand, earth, vermiculite or diatomaceous earth) and place in a container for disposal according to local regulations. Use spark-proof tools and explosion proof equipment if flammable gasses, liquids or vapors are present in the spill area. Contaminated absorbent material may pose the same hazard(s) as the spilled product.

7. Handling and Storage

Handling	Observe all label precautions. Use appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material.
Storage	Keep only in the original container. Keep container tightly closed. Keep in a cool, well ventilated place. Keep away from heat and direct sunlight. This product should be kept away from naked flames and other sources of ignition. Bulk storage should be in approved vessels, preferably steel that is grounded and vented Keep use containers tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination
Specific end uses	No other additional special end uses are anticipated.

8. Exposure controls and personal protection

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Engineering Control	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits.
Personal Protectiol	***Eye/face protection:*** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to product dusts, liquid splashes or mists. Goggles should be worn where eye contact is possible. ***Hand protection:*** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is required. Glove material: cotton or plastic (thermal resistant) Glove thickness: 0.7 mm or thicker Break through time: > 240 minutes **Other protective equipment:** Flame retardant antistatic protective clothing may be required if used in areas where flammables are processed. ***Respiratory protection:*** A properly fitted air purifying respirator or air supply respirator should be worn if a risk assessment indicates that respiratory protection is necessary. Respirator selection must be based upon known or measured levels of exposure.
Hygiene measures:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Discard contaminated clothing or wash thoroughly before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Exposure Limit	Not Available



Gloves



Suit

9. Physical and chemical properties

Physical Form	Solid pellets, chubs
Appearance	White (off-white, clear or pigmented)
Odour	Odourless or Faint Odour
Odor Threshold	Not available
pH	Not applicable
Melting Point	80-120 °C

Boiling Point	228 °C
Flash Point	>340 °C estimated
Evaporation Rate	Not Applicable
Flammability (solid, gas)	No Data Available
Explosive limits	No Data Available
Vapour pressure	No Data Available
Vapour Density	No Data Available
Specific Gravity	0.92-.95
Partition coefficient	No data available
Explosive properties	None
Water Solubility	Insoluble
Solvent Solubility	Slightly soluble in hydrocarbon solvents
Ignition temperature	No information available.
Viscocity	Not Applicable
Volatillity	0%

10. Stability and reactivity

Reactivity	No hazardous reactivity.
Stability	The product is chemically stable under standard ambient conditions (room temperature).
Possibility of hazardous reactions	Does not react at normal processing temperatures.
Conditions to avoid	Avoid dust-air mixtures, static generation. Avoid contact with incompatible materials
Incompatible materials	Avoid strong oxidizing materials
Hazardous Decomposition	Thermal decomposition will yield oxides of carbon and/or acetic acid and vinyl acetate.

11. Toxicological information

Rout Of Entry	Inhalation. Ingestion.
Acute oral toxicity LD50 rat:	Non toxic
Dermal LD50 rabbit:	No skin irritation
Acute inhalation toxicity:	No data available
Skin irritation:	Non irritating
Eye irritation (rabbit):	No eye irritation
Sensitization (guinea pig):	No data available
Genotoxicity and Reproductive Effects:	No data available
Ames test:	No data available
Specific target organ toxicity - single exposure:	No data available.
Specific target organ toxicity - repeated exposure:	No data available.
Aspiration hazard: No information available	No information available

12. Ecological information

Toxicity in fish LC50:	No data available
Toxicity to daphnia and other aquatic invertebrates:	No data available
Toxicity to algae:	No data available
Persistence and degradability:	No data available
Bio accumulative potential	Bioaccumulation not expected

Other adverse effects:	No additional environmental adverse effects are known.
Results of PBT and vPvB assessment	Assessment not available.
Additional ecological information	Do not allow product to enter surface waters, wastewater or soil.

13. Disposal considerations

Waste treatment Method	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. Transport information

The transport regulations are cited according to international and/or harmonized transport regulations. Possible national deviations and country specific requirements are not considered.

US DOT Information:	No Classification assigned
TDG Information	No Classification assigned
ADR Information	No Classification assigned
RID Information	No Classification assigned
IATA Information	No Classification assigned
ICAO Information	No Classification assigned
IMDG Information	No Classification assigned

15. Regulatory information

Fedral and State Regulation	This product is not listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.
Other Regulation	SARA Section 311/312 (40 CFR 370 Subparts B and C) Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No
U.S. State Regulations	This product is not listed on the state lists from CA, MA, MN, NJ or PA. Not listed under California Proposition 65. Note: residual vinyl acetate is a listed material.

GHS Classifications	***Australia GHS Classifications:*** No published information available. ***European Union GHS Classifications:*** No published information available. ***Indonesia GHS Classifications:*** No published information available. ***Japan GHS Classifications:*** No published information available. ***Korea GHS Classifications (SV):*** No published information available. ***New Zealand GHS Classifications:*** No published information available. ***South Africa GHS Classifications:*** No published information available. ***Taiwan GHS Classifications:*** No published information available.

16. Other information

Other Information	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and weassume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if **Rx Marine International** has been advised of the possibility of such damages.