

Section 1 – Identification

1.1 Product Identifier:	Repela® for Rodents, Repela® for Insects, Repela® Combi,
1.2 Manufacturer:	Aversion Technologies, Inc. 12220 Maycheck Lane Bowie, Maryland 20715 USA +1-202-657-6300
1.3 Emergency telephone number:	+1-202-365-9001
1.4 Product form	Pellets
1.5 Intended use:	Masterbatch additives
1.6 Restriction on use:	None

Section 2 – Hazard(s) Identification

2.1 Inhalation:	May cause slight irritation to the respiratory system if dust or smoke is inhaled.
2.2 Ingestion:	May cause mild irritation/redness.
2.3 Eye contact:	May cause irritation/redness.
2.4 Skin contact:	Likely to cause irritation, nausea, vomiting.

Section 3 – Composition/information on ingredients

3.1 Composition:	75-97% Ethylene-Vinyl Acetate Copolymer (CAS# 24937-78-8) 3-25% Active ingredients
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Section 4 – First aid measures

4.1 Inhalation:	Remove from exposure. Introduce to fresh air.
4.2 Ingestion:	If possible, spit out and rinse mouth. Do not induce vomiting
4.3 Eye contact:	Do not rub eyes. Flush thoroughly with water. If irritation persists, consult doctor.
4.4 Skin contact:	Wash exposed areas with mild soap and water.

Section 5 – Fire fighting measures

5.1 Suitable extinguishing media:	Dry chemical, CO ₂ , water spray, regular foam.
5.2 Unsuitable extinguishing media:	In case of major fire and large quantities use regular extinguishing agent, fine water spray. Move containers from fire area if you can do so without risk.
5.3 Special Fire Fighting Procedures:	Avoid inhalation of the substance or combustion products. Stay upwind. Keep out of low areas.
5.4 Specific hazards arising from the chemical:	Thermal decomposition products: CO, CO ₂ , aldehyde, organic acid, and alcohol. Fires and an explosion: some may burn but none ignite readily.
5.5 Tank/trailer/train truck fires:	Do not get water inside containers. Cool containers with flooding quantities of water until well after fire is out. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. ALWAYS stay away from tanks engulfed in flames.

Section 6 – Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:	Use eye protection and gloves when handling pellets.
6.2 Environmental precautions and protective procedures:	No special precautions are necessary.
6.3 Waste disposal:	Reclaim or dispose of in accordance with local, state, and federal regulations.

Section 7 – Handling and storage

7.1 Precautions:	Avoid prolonged breathing of dust. Avoid prolonged/repeated dermal exposure. Use in areas with adequate ventilation. Keep from excessive heat sources of fire or sparks.
7.2 Storage:	Store in cool dry place. Keep away from extremely hot areas and keep containers sealed. Do not leave in open or semi-open condition.

Section 8 – Exposure controls/personal protection

8.1 Occupational Exposure Limits:	ACGIH: Total dust TWA = 15 mg/m ³ (8-hr day), TWA = 5 mg/m ³ (8-hr day, respirable fraction) OSHA: Total dust TWA = 10 mg/m ³ (8-hr day, inhalable fraction), TWA = 3 mg/m ³ (8-hr day, respirable fraction) NIOSH: Not available Biological exposure index: Not available EU Regulation: Not available
8.2 Appropriate engineering controls:	Provide local exhaust ventilation system or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Check legal suitability of exposure level.
8.3 Respiratory Protection:	Respiratory protection: Wear NIOSH or European Standard EN 149 approved full or half face piece (with goggles) respiratory protective equipment.
8.4 Protective Gloves:	Wear appropriate chemical-resistant gloves that protect chemicals directly
8.5 Eye Protection:	An eye wash unit and safety shower station should be available nearby work place. Wear face piece with goggles to protect from scattering toxic substance.

8.6 Skin and Body Protection: Wear appropriate protective chemical-resistant clothing.

Section 9 – Physical and chemical properties

9.1 Physical State: Solid pellets
9.2 Color: Off white
9.3 Odor: Mild
9.4 Melting Point: 85-90°C
9.5 Specific Gravity: 0.8-0.9
9.6 Processing Temperature: 120-180°C
9.7 Chemical Family: Polymers of vinyl acetate
9.8 Substances: Ethylene-vinyl acetate copolymers with a 5% mixture of proprietary actives

Section 10 – Stability and reactivity

10.1 Stability: Stable under normal temperatures and pressures.
10.2 Incompatibility (Materials to Avoid): Strong oxidizing agents such as nitrates , chlorates, peroxides.
10.3 Conditions to Avoid: Avoid heat, sparks, flames and other sources of ignition. Avoid contact with prohibited mixture materials. Avoid release to the environment.
10.4 Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.
10.5 Hazardous decomposition products: May cause methane, propane, carbon oxide, aldehyde and other organic vapors when thermal decomposition occurs.

Section 11 – Toxicological information

11.1 Acute oral toxicity LD50 rat: Non toxic
11.2 Dermal LD50 rabbit: Minor skin irritation
11.3 Acute inhalation toxicity: No data available
11.4 Skin irritation: Minor skin irritation
11.5 Eye irritation (rabbit): Irritating to the eye
11.6 Sensitization (guinea pig): No data available
11.7 Genotoxicity and Reproductive Effects: No data available
11.8 Ames test: No data available
11.9 Specific target organ toxicity - single exposure: No data available.
11.10 Specific target organ toxicity - repeated exposure: No data available.
Aspiration hazard: No information available
11.11 Additional information: No additional information.
11.12 Further data: Handle using good occupational and environmental health practices.

Section 12 – Ecological Information

Difficult to biodegrade. Can be recycled with appropriate technologies.

Section 13 – Disposal Considerations

Incinerate in authorized facility or dispose of in accordance with local regulations.

Section 14 – Transport information

General: Not hazardous for transport
TSCA 8(b) inventory: Yes
UN No: N/A
Tariff No : 3901.3020
IATA/ICAO: This material is not classified as dangerous
Classification: Not Hazardous for transport

Section 15 – Regulatory Information

Risk Phrases: R20 Harmful by inhalation
R22 Harmful if swallowed
Safety Phrases: S2 Keep out of reach of children
S13 Keep away from food and drink
S36 Wear suitable protective clothing
S37 Wear suitable gloves
S46 If swallowed, seek medical advice immediately

Section 16 – Other Information

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