

RepelX(TM) Safety Data Sheet

Anti-Static Paint Additive | Prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200, as amended.

SECTION 1 - IDENTIFICATION

Product Name	RepelX(TM) Anti-Static Paint Additive
Product Code	RPL-32-001
Trade Name	RepelX(TM)
Active Ingredient	Ethanaminium, 2-hydroxy-N,N-bis(2-hydroxyethyl)-N-methyl-, esters with C16-18 and C18-unsaturated fatty acids, methyl sulfates
CAS No. active	1335202-95-3
Carrier Solvent	Propan-2-ol (isopropanol), CAS 67-63-0
Composition	Approx. 90% active quaternary ammonium ester compound plus approx. 10% isopropanol carrier. See Section 3.
Intended Use	Paint additive mixed into interior water-based latex and acrylic paints at 1 fl oz per 1 US gallon to reduce static charge and dust attraction on painted surfaces. This product is an additive and is not a substitute for paint.
Restrictions on Use	Not for exterior use. Not for oil-based or solvent-based paints. Not for ingestion. Not for application to skin, hair, fabric, or food-contact surfaces. Keep out of reach of children.
Manufacturer	RepelX LLC, P.O. Box 5064, Woodbridge, CT 06525, USA 203-903-4188 repelpaint.com
Emergency Telephone	RepelX: 203-903-4188 (9 AM-5 PM ET); Medical: Poison Help 1-800-222-1222; Immediate danger: 911

SECTION 2 - HAZARD(S) IDENTIFICATION

Signal Word: DANGER. GHS pictograms: GHS02 (Flame) and GHS07 (Exclamation Mark).

Hazard Class	Category	H-Statement
Flammable Liquid	Category 2	H225 - Highly flammable liquid and vapor
Skin Corrosion / Irritation	Category 2	H315 - Causes skin irritation
Serious Eye Damage / Eye Irritation	Category 2A	H319 - Causes serious eye irritation

NFPA rating (0-4): Health 2 | Fire 3 | Reactivity 0. HMIS rating (0-4): Health 2 | Flammability 3 | Physical Hazard 0.

Hazard Statements:

- H225 - Highly flammable liquid and vapor.
- H315 - Causes skin irritation.
- H319 - Causes serious eye irritation.

Precautionary Statements:

- P210 - Keep away from heat, sparks, open flames, hot surfaces. No smoking.
- P233 - Keep container tightly closed.
- P240 - Ground and bond container and receiving equipment.
- P241 - Use explosion-proof electrical, ventilating, and lighting equipment.
- P242 - Use only non-sparking tools.
- P243 - Take precautionary measures against static discharge.
- P264 - Wash thoroughly after handling.
- P280 - Wear protective gloves, protective clothing, eye protection, and face protection.
- P302+P352 - IF ON SKIN: Wash with plenty of water.
- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing; rinse skin with water or shower.

- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing.
- P332+P313 - If skin irritation occurs: Get medical advice/attention.
- P337+P313 - If eye irritation persists: Get medical advice/attention.
- P362+P364 - Take off contaminated clothing and wash it before reuse.
- P370+P378 - In case of fire: Use carbon dioxide (CO₂), dry chemical, alcohol-resistant foam, or water spray to extinguish.
- P403+P235 - Store in a well-ventilated place. Keep cool.
- P501 - Dispose of contents/container in accordance with local, state, and federal regulations.

Other Hazards: Vapors are heavier than air and may travel to a distant ignition source and flash back. Spilled product may form a slippery surface.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Concentration	GHS Classification
Ethanaminium, 2-hydroxy-N,N-bis(2-hydroxyethyl)-N-methyl-, esters with C16-18 and C18-unsaturated fatty acids, methyl sulfates	1335202-95-3	~90% w/w	Skin Irrit. 2 (H315), Eye Irrit. 2A (H319)
Propan-2-ol (isopropyl alcohol)	67-63-0	~10% w/w	Flam. Liq. 2 (H225), Eye Irrit. 2A (H319), STOT SE 3 (H336)

Concentrations describe the undiluted RepelX(TM) additive concentrate. When mixed per label directions (1 fl oz per 1 US gallon of paint, approx. 0.78% v/v), the isopropanol concentration is substantially reduced; however, classification of the final paint mixture depends on the specific paint formulation and applicable testing/classification criteria.

SECTION 4 - FIRST-AID MEASURES

General	Immediately remove clothing soiled by product. In case of irregular breathing or respiratory arrest, provide artificial respiration. Show this Safety Data Sheet to attending medical personnel.
Inhalation	Remove person to fresh air. Keep comfortable for breathing. If unconscious, place patient in stable side position. Seek medical attention if symptoms persist.
Skin Contact	Remove contaminated clothing. Wash skin with plenty of water and soap. If irritation develops or persists, get medical advice/attention. Wash contaminated clothing before reuse.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, get medical advice/attention.
Ingestion	Rinse mouth with water. Do not induce vomiting unless directed by a poison center or doctor. If symptoms persist, consult a doctor. Never give anything by mouth to an unconscious person.
Key Symptoms	Skin irritation and serious eye irritation. High vapor concentrations may cause headache, dizziness, drowsiness, and respiratory irritation.
Medical Note	Treat symptomatically. Symptoms may be delayed.

SECTION 5 - FIRE-FIGHTING MEASURES

Flash Point	18 C (64.4 F) - highly flammable liquid, Category 2
Auto-Ignition	Approx. 220 C (428 F)
Boiling Point	82 C (179.6 F)
Explosion Limits	Lower: 2 vol% Upper: 12 vol%
Suitable Extinguishing Media	Carbon dioxide (CO ₂), dry chemical extinguishing powder, alcohol-resistant foam, or water spray. Do not use a solid water jet.
Specific Hazards	Vapors may form explosive mixtures with air and may travel to ignition sources. Containers may rupture if heated.
Protective Equipment	Wear self-contained breathing apparatus and full protective gear. Cool exposed containers with water spray from a safe distance.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions	Eliminate ignition sources. Use only explosion-proof equipment. Ensure adequate ventilation. Wear protective equipment. Keep unprotected persons away. Take precautionary measures against static discharge. Spilled product creates a slippery surface.
Environmental Precautions	Prevent further leakage or spillage if safe. Do not allow product to enter sewers, surface water, or groundwater. Notify authorities of significant spills.
Containment & Cleanup	Absorb with non-combustible liquid-binding material such as sand, diatomite, vermiculite, or universal binders. Collect in suitable labeled containers and dispose per Section 13. Use non-sparking tools.

SECTION 7 - HANDLING AND STORAGE

Safe Handling	Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Use only with adequate ventilation. Use explosion-proof electrical, ventilation, and lighting equipment. Use non-sparking tools. Ground and bond containers when transferring. Avoid skin and eye contact. Wash hands after handling.
Storage	Store in original tightly closed container in a cool, dry, well-ventilated place away from heat and ignition sources. Keep upright at room temperature (15-25 C / 59-77 F). Storage class: 3, flammable liquids. Shelf life: 24 months in unopened original container.
Incompatibilities	Strong acids, strong oxidizing agents, anionic surfactants, ignition sources, and incompatible materials per Section 10.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Authority	Type	Value
Propan-2-ol (CAS 67-63-0)	OSHA	PEL long-term	980 mg/m3 (400 ppm)
Propan-2-ol (CAS 67-63-0)	NIOSH	REL long-term	980 mg/m3 (400 ppm)
Propan-2-ol (CAS 67-63-0)	NIOSH	REL short-term	1225 mg/m3 (500 ppm)
Propan-2-ol (CAS 67-63-0)	ACGIH	TLV-TWA	200 ppm
Propan-2-ol (CAS 67-63-0)	ACGIH	TLV-STEL	400 ppm
Propan-2-ol (CAS 67-63-0)	ACGIH	BEI	40 mg/L acetone in urine, end of shift/end of workweek

The active ingredient (CAS 1335202-95-3) has no established OSHA PEL or ACGIH TLV; apply good industrial hygiene practices.

Engineering Controls	Use adequate ventilation, including local exhaust where vapor may be generated. Use explosion-proof ventilation when ignition sources may be present.
Respiratory Protection	If ventilation is inadequate, use a NIOSH-approved organic vapor respirator appropriate for the exposure scenario.
Hand Protection	Chemically resistant gloves such as nitrile, neoprene, or butyl rubber. Verify breakthrough time with the glove manufacturer.
Eye Protection	Tightly sealed chemical splash goggles. Face shield for splash hazards.
Body Protection	Chemical-resistant clothing. Anti-static, flame-resistant clothing recommended where ignition sources may be present. Remove and launder contaminated clothing before reuse.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Property	Value
Physical State	Liquid, fluid	Color	Yellow / yellowish
Odor	Characteristic, alcoholic	Odor Threshold	Not determined
pH	Approx. 7 (1% in water)	Melting Point	Approx. -5 C (23 F)
Boiling Point	82 C (179.6 F)	Flash Point	18 C (64.4 F), highly flammable
Auto-Ignition	Approx. 220 C (428 F)	Decomposition Temp.	Not determined
Flammability	Highly flammable liquid	Explosion Limits	LEL 2 vol% UEL 12 vol%
Vapor Pressure at 20 C	43 hPa (32.3 mm Hg)	Vapor Density	Not determined, heavier than air
Density at 20 C	Approx. 1.03 g/cm3 (8.6 lb/gal)	Water Solubility	Fully miscible
Partition Coefficient	Not determined	Viscosity kinematic 40 C	> 20.5 mm2/s
Viscosity dynamic 40 C	> 21 mPa.s	VOC Content concentrate	10.0% - 102.6 g/L (0.86 lb/gal)

Property	Value	Property	Value
Solvent Content organic	10.0% isopropanol	Evaporation Rate	Not determined

Explosion hazard: Product is not explosive. However, formation of explosive air/vapor mixtures is possible at temperatures above the flash point.

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	No hazardous reactions known under normal conditions of use.
Chemical Stability	Stable. No decomposition if used and stored according to specifications.
Hazardous Reactions	No dangerous reactions known under normal use.
Conditions to Avoid	Heat, sparks, open flames, hot surfaces, other ignition sources, static discharge, and direct sunlight on closed containers.
Incompatible Materials	Strong acids, strong oxidizing agents, and anionic surfactants.
Hazardous Decomposition Products	Thermal decomposition may produce nitrogen oxides (NOx) and carbon monoxide (CO). No dangerous decomposition products under normal storage conditions.
Hazardous Polymerization	Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Component	Route	Species	Value	Guideline
Active (CAS 1335202-95-3)	Oral	Rat	LD50 > 2,000 mg/kg	OECD
Active (CAS 1335202-95-3)	Dermal	Rat	LD50 > 2,000 mg/kg	OECD 402
Propan-2-ol (CAS 67-63-0)	Oral	Rat	LD50 = 5,045 mg/kg	OECD 401
Propan-2-ol (CAS 67-63-0)	Dermal	Rabbit	LD50 = 12,800 mg/kg	OECD 402
Propan-2-ol (CAS 67-63-0)	Inhalation	Rat	LC50 = 30 mg/L (4h)	OECD 403

Skin Effects	Causes skin irritation. Repeated or prolonged contact may cause defatting, dryness, and dermatitis.
Eye Effects	Causes serious eye irritation. May cause redness, tearing, and blurred vision.
Inhalation	Vapors may cause respiratory tract irritation, headache, dizziness, drowsiness, and narcosis at high concentrations.
Sensitization	No sensitizing effects known.
Carcinogenicity	Active ingredient: not listed by IARC, NTP, OSHA, or EPA. Propan-2-ol: IARC Group 3; ACGIH A4.
Reproductive Toxicity	Not listed for reproductive toxicity, including Prop 65 cancer, female, male, or developmental listings.
Chronic Effects	Repeated overexposure to isopropanol vapors may cause central nervous system effects.
Interactive Effects	No interactive effects between components are known.

SECTION 12 - ECOLOGICAL INFORMATION

Test	Organism	Value	Component	Guideline
EC50 (48h)	Daphnia magna	2.23 mg/L	Active (CAS 1335202-95-3)	OECD 202
LC50 (96h)	Oncorhynchus mykiss	1.91 mg/L	Active (CAS 1335202-95-3)	OECD 203
EC50 (48h)	Daphnia magna	> 100 mg/L	Propan-2-ol	OECD 202
LC50 (96h)	Pimephales promelas	9,640 mg/L	Propan-2-ol	OECD 203

Water Hazard Class	Class 1, self-assessment, slightly hazardous for water.
Persistence & Degradability	Active quaternary ammonium ester compound is biodegradable per OECD guidance. Isopropanol is readily biodegradable under aerobic conditions.
Bioaccumulation	Not expected to bioaccumulate; no PBT or vPvB classification applies.
Mobility in Soil	Highly mobile due to water miscibility; do not allow to enter groundwater or sewers.
PBT / vPvB	Not applicable.
Other Adverse Effects	No further relevant information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal	Must not be disposed of together with household garbage. Do not allow product to reach sewage system, surface water, or groundwater. Dispose in accordance with all applicable local, state, and federal regulations. Treat as flammable hazardous waste where applicable.
Container Disposal	Dispose according to official regulations. Triple-rinse empty containers with water before recycling or disposal. Empty containers may retain product residue and may be flammable.
RCRA Status	Unused product may meet the RCRA hazardous waste characteristic of D001 Ignitability (flash point below 60 C). Verify classification at the point of disposal; consult local regulations.

SECTION 14 - TRANSPORT INFORMATION

The following classification applies to the undiluted concentrate. Consumer-package small-quantity reliefs such as Limited Quantities or Excepted Quantities may apply to retail-size bottles. Verify the applicable exemption with a qualified dangerous-goods specialist for each shipment.

Regulation	UN No.	Proper Shipping Name	Class	PG	Labels
DOT (USA)	UN1219	Isopropanol mixture	3	II	3
ADR/RID/ADN	UN1219	ISOPROPANOL (ISOPROPYL ALCOHOL) mixture	3 (F1)	II	3
IMDG	UN1219	ISOPROPANOL (ISOPROPYL ALCOHOL) mixture	3	II	3
IATA	UN1219	ISOPROPANOL (ISOPROPYL ALCOHOL) mixture	3	II	3

- Marine Pollutant: No, not classified as environmentally hazardous.
- IMDG Limited Quantities (LQ): 1 L.
- IMDG / ADR Excepted Quantities (EQ): Code E2, max 30 mL inner / 500 mL outer packaging.
- IMDG EMS: F-E, S-D | Kemler Code: 33 | Stowage: Category B.
- Air shipment: Not accepted by USPS or by passenger aircraft. Ground transport, such as UPS Ground or FedEx Ground, only for retail consumer fulfillment.
- Special precautions: Warning - flammable liquids. Take precautionary measures against static discharge.

SECTION 15 - REGULATORY INFORMATION

Regulation	Status
OSHA HazCom / GHS	This SDS is prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200, as amended.
TSCA	All components listed as ACTIVE on the TSCA Inventory.
SARA Section 302/304/355	No component listed as an Extremely Hazardous Substance.
SARA Section 313	Propan-2-ol (CAS 67-63-0) is listed as a Toxic Chemical; reporting threshold 10,000 lb/year.
Hazardous Air Pollutants (CAA Section 112)	No component listed.
IARC	Active: not listed. Propan-2-ol: Group 3.
NTP	No component listed.
OSHA-Ca / NIOSH-Ca	No component listed.
EPA Carcinogen	No component listed.
California Proposition 65 - Cancer	NOT listed.
Prop 65 - Reproductive Toxicity Female	NOT listed.
Prop 65 - Reproductive Toxicity Male	NOT listed.
Prop 65 - Developmental	NOT listed.
WHMIS (Canada, GHS-aligned)	Class B-2 Flammable Liquid; Class D-2B Other Toxic Effects, irritant.

SECTION 16 - OTHER INFORMATION

Prepared By	RepelX LLC - Product Safety & Compliance
Issue Date	January 2026
Version	2.2 - emergency and product-contact information update.
Previous Version	2.1 (January 2026).
Key References	Supplier safety data and technical information for the active antistatic additive; OSHA 29 CFR 1910.1200; GHS guidance; OECD Test Guidelines.

Abbreviations & Acronyms: ADR = European Agreement Concerning the International Carriage of Dangerous Goods by Road; IMDG = International Maritime Dangerous Goods Code; DOT = US Department of Transportation; IATA = International Air Transport Association; CAS = Chemical Abstracts Service; NFPA = National Fire Protection Association; HMIS = Hazardous Materials Identification System; VOC = Volatile Organic Compounds; LC50 / LD50 = Lethal Concentration / Lethal Dose, 50% population; PBT / vPvB = Persistent, Bioaccumulative & Toxic / very Persistent & very Bioaccumulative; NIOSH = National Institute for Occupational Safety and Health; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit; REL = Recommended Exposure Limit; TLV = Threshold Limit Value; STEL = Short-Term Exposure Limit; TWA = Time-Weighted Average; BEI = Biological Exposure Index; STOT SE 3 = Specific Target Organ Toxicity, Single Exposure, Category 3.

DISCLAIMER: The information in this Safety Data Sheet is based on supplier data, published references, and internal compliance review by RepelX LLC. The information is believed to be accurate as of the date of preparation. RepelX LLC makes no warranty, expressed or implied, regarding the accuracy or completeness of this information. It is the responsibility of the user to determine suitability for the intended use and to comply with all applicable federal, state, and local laws and regulations. This document is prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200, as amended.

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