



Safety Data Sheet

HMIS Ratings	
Health	1
Flammability	4
Reactivity	0
Protection	X

Reflection Aerosol Wax

Section 1: Identification

Product Name: Reflection Aerosol Wax

Product Use: Automotive Reconditioning Product

Restrictions on Use: For automotive use only.

Manufactured For: Blue Ribbon Products, Inc.
8188 Allison Avenue
Indianapolis, IN 46268

Phone Number: (317) 972-7970 * (888) 274-2266

Emergency Phone: CHEMTREC
1-800-424-9300
For International Calls:
(703) 527-3887

Section 2: Hazard Identification

Hazard Class: Aerosol Category 1, Skin Irritant Category 3, Eye Irritant Category 2B, Aspiration Category 1, Acute Aquatic Toxicity Category 3, Chronic Aquatic Toxicity Category 3, Acute Target Organ Toxicity Category 3, Chronic Target Organ Toxicity Category 2.

Signal Word(s): Danger

Hazard Statement: Extremely flammable aerosol. Pressurized container: may burst if heated. Causes mild skin irritation. Causes eye irritation. May be fatal if swallowed and enters airways. May cause respiratory irritation and CNS depression upon inhalation. Harmful to aquatic life with long lasting effects. May cause damage to nervous system, lungs, and kidneys through prolonged or repeated exposure.

Pictogram Classes:



Precautionary Measures: Keep away from all sources of ignition. No eating, drinking, or smoking while using product. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Do not ingest, keep out of eyes. Do not breathe dust/fumes/gas/mist/vapours/spray. Avoid release to the environment or contamination of water sources. Wash thoroughly after handling. Store locked up and tightly closed in cool, well-ventilated place. Use only outdoors or in a well-ventilated place.

Miscellaneous Hazards: Vapors are irritating to eyes and respiratory tract. Vapors could cause flash fire or explosion.

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration (Wgt.%)
Isobutane	75-28-5	>25
Isopropanol	67-63-0	>5
Odorless Mineral Spirits	8052-41-3	>35
Stoddard Solvent	8052-41-3	>10
Kerosene	8008-20-6	>10
Talc	14807-96-6	>5
Non-hazardous and other ingredients below reportable levels	Proprietary	<10

Section 4: First Aid Measures

Skin Contact Wash immediately with soap and water. If irritation persists, get medical advice or attention.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses if present/able. Continue rinsing. If eye irritation persists, get medical advice/attention.

Inhalation Move person to non-contaminated air. Seek medical attention if symptoms develop or persist

Ingestion If the material is swallowed, get immediate medical attention or advice – Do not induce vomiting.

Notes for Immediate Care / Physician If aspirated into the lungs, this product may cause chemical pneumonitis. Treat the patient accordingly.

Section 5: Fire Fighting Measures

Hazardous Combustion Products:

Carbon monoxide and carbon dioxide, hydrocarbon fragments, and forms of chloride, chlorine, and phosgene.

Extinguishing Media:

Use appropriate media for surrounding fires.

General Fire Hazards:

Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back. "Empty" containers contain product residue and can be dangerous. Do not puncture, cut or damage container, or expose to sources of ignition as the container may explode and cause injury up to and including death.

Fire Fighting Equipment and Instructions:

Firefighters should wear full protective gear. Cool containers and move away from fire to prevent explosive results.

Section 6: Accidental Release Measures

Personal Protection/PPE:

Wear mask, gloves, safety glasses or goggles, and an apron to avoid inhalation and skin and eye contact. Eliminate sources of ignition. Ruptured cylinders may rocket.

Emergency Procedures:

Ensure ventilation to avoid inhalation. Keep away from any streams, aquifers, or other water sources to avoid contamination, as this product is chronically harmful to aquatic organisms. Eliminate all sources of ignition.

Containment Procedures:

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand, diatomaceous earth, commercial sorbents, or recover using pumps.

Cleanup Procedures:

Absorb spill with inert material. Shovel material into appropriate container for disposal.

Section 7: Handling and Storage

Handling Procedures:

Keep this product from heat, sparks, or open flame. Avoid prolonged or repeated skin contact with this material. Do not allow this product to contaminate streams, aquifers, or other water sources, as it is harmful to aquatic life with long lasting effects. No smoking. Wash thoroughly after handling.

Storage Procedures:

Keep the container tightly closed. Do not freeze. Do not store near heat or any sources of ignition. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Section 8: Exposure Controls/Personal Protection

Chemical	CAS Number	PEL-OSHA	Exposure Limits	
			TLV-ACGIH	Carcinogen
Isobutane	75-28-5	800 ppm	1000 ppm	No
Isopropanol	67-63-0	400 ppm	400 ppm	No
Odorless Mineral Spirits	8052-41-3	100 ppm	100 ppm	No
Stoddard Solvent	8052-41-3	100 ppm	100 ppm	No
Kerosene	8008-20-6	400 ppm	400 ppm	No
Talc	14807-96-6	2 mg/m ³ TWA	2 mg/m ³ TWA	No
Non-hazardous and other ingredients below reportable levels	Proprietary	N/A	N/A	N/A

Engineering Controls:

Local exhaust ventilation should be used.

Personal Protective Equipment:

Eyes/Face:

Wear chemical goggles and a face shield.

Skin:

Use impervious gloves. If concerned about skin contact, use apron or chemical suit and boots.

Respiratory:

If ventilation is not sufficient to effectively prevent buildup of vapor/mist/fume/dust, appropriate NIOSH/MSHA respiratory protection must be provided.

General:

Eye wash fountain and emergency showers are recommended. Use good industrial hygiene practices in handling this material.

Section 9: Physical and Chemical Properties

Appearance:	Milky yellow gas/pressurized liquid
Flammability Limits:	Not available.
Explosive Limits:	0.6% lower, 12.0% upper
Odor:	Bubble Gum
Odor Threshold:	Not available.
Vapor Density:	Heavier than air
Vapor Pressure:	80-90
pH:	Not available.
Relative Density:	0.7502 (Concentrate only)
Melting Point:	Not available.

Solubility:	Negligible solubility in water
Initial Boiling Point/Boiling Range:	Not available.
Flash Point:	-156°F
Autoignition Temperature:	Not applicable.
Evaporation Rate (n-BuAc = 1):	Faster than Butyl Acetate
Partition Coefficient (n-octanol/water):	Not available.
Decomposition Temperature:	Not available.
Viscosity:	Not available.

Section 10: Stability and Reactivity

Reactivity:

Heat. Incompatible materials.

Chemical Stability:

Stable under normal storage conditions. Contents under pressure. Container may explode if heated. Do not puncture or burn. Do not store with incompatibles.

Hazardous Decomposition:

Hazardous combustion products may include carbon monoxide, carbon dioxide, and other hydrocarbon fragments, along with forms of chloride, chlorine, and phosgene.

Hazardous Polymerization:

Will not occur.

Incompatible Materials:

Strong acids, alkalis, oxidizers, and amines.

Conditions Leading to Hazard:

Allowing product to freeze. Storage near heat or ignition source. Contamination of water source. Puncturing container. Mixing with incompatibles.

Section 11: Toxicological Information

Acute Toxicity Estimate – Oral: >5000 mg/kg

Acute Toxicity Estimate – Dermal: >5000 mg/kg

Reproductive Toxicity/Germ Cell Mutagenicity: No ingredients above reportable limits with positive human in vivo tests.

Skin/Inhalation Sensitization: This product is not expected to cause sensitization.

Carcinogenicity: Contains less than 0.1% Toluene, a known carcinogen.

Section 12: Ecological Information

Existing Structure Activity Relationship (SAR) and Experimental data on the components of this product indicate both Acute Toxicity Category 3 and Chronic Toxicity Category 3. Bioaccumulation and other routes of aquatic contamination have insufficient data to be considered.

None of the components of this product are listed in the Montreal Protocol or its Amendments.

Section 13: Disposal Concerns

Dispose of waste material in accordance with Local, State, Federal, and Provincial Environmental Regulations. Do not puncture or crush can, even when 'empty,' as liquid/gas may still be present in the can and cause adverse effects/explosions.

Section 14: Transport Information

Product meets the criteria for a consumer commodity, and is thus shipped as ORM-D. If shipping by air or sea, the details are given below.

US DOT and International HMR Information

Proper Shipping Name:	Aerosols, flammable, each not exceeding 1L capacity (Isobutane, Isopropanol, Stoddard Solvent)
Identification Number:	UN1950
Hazard Class:	2.1
Special Exemptions	Limited Quantity

Section 15: Regulatory Information

US Federal Regulations

CERCLA/SARA – Section 313 – Emission Reporting

None.

State Regulations

California – Proposition 65 – Carcinogens List

Toluene

Section 16: Other Information

Disclaimer:

NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

Prepared By

Technical Department

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