



MATERIAL SAFETY DATA SHEET

HMIS Ratings	
Health	1
Flammability	4
Reactivity	0
Protection	B

Chemical Product and Company Identification

Manufacturer Information Blue Ribbon Products, Inc.
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Supersedes 09/30/01

Product Identity Easy Shine II

Product Use Automotive Reconditioning Product

Composition / Information on Ingredients

Ingredient Name	CAS Number	Wgt.%	PEL-OSHA	Exposure Limits	SARA Title III
				TLV-ACGIH	SEC 313
n-HEXANE	110-54-3	10-20	500 ppm	50 ppm	Yes
2-METHYL PENTANE	107-83-5	5-10	NE	NE	No
3-METHYL PENTANE	96-14-0	5-10	NE	NE	No
Liquefied Petroleum Gas Mixture					
PROPANE	74-98-6		NE	1000 ppm	--
n-BUTANE	106-97-8		NE	600 ppm	--
Balance of ingredients are non-hazardous or below reportable levels.					

PHYSICAL CHARACTERISTICS

Boiling Point N/A

Vapor Pressure (psig) 87 @ 130 F

Specific Gravity (H2O=1) <1

Solubility/Water Slight

Vapor Density (Air=1) ND

Evaporation Rate (Ether=1) <1

Appearance and Odor Aerosol spray with characteristic odor.

Fire and Explosion Hazard Data

Aerosol Flammability: Product is to be labeled as extremely flammable as described in 16 CFR 1500.3 and 1500.45.

Flash Point: <0F (Propellant); >0F (Concentrate)

Flammable Limits % Volume in Air (Propellant): LEL 1.9 UEL 9.5

Extinguishing Media: Carbon dioxide, water spray, foam, or dry chemical.

Special Fire Fighting Prodedures:

Containers should be cooled with water to prevent vapor pressure build up. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

Unusual Fire and Explosion Hazards:

Firefighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protection clothing. At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

Reactivity Data

Stability: Stable

Hazardous Polymerization: N/A

Incompatibility (Materials to Avoid): Oxidizing agents, reducing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrocarbon vapors.

Conditions to Avoid: Keep away from heat, sparks, and flames. Dropping of containers may cause bursting.

Health Hazard Data

Route(s) of Entry: Inhalation, Eyes, Skin, Ingestion

Hazards Identification

Eyes: May cause mild irritation.

Skin: May cause mild irritation. Prolonged or repeated contact may dry the skin and lead to irritation (i.e. dermatitis).

Inhalation: Irritating to eyes, nose and respiratory tract. Can cause anesthetic and/or narcotic effects.

Ingestion: Can cause dizziness, faintness, headaches, and incoordination.

Aggravated Medical Conditions

May aggravate pre-existing eye, skin and respiratory conditions.

Chronic Effects/Target Organs: None

Emergency and First Aid Procedures

Eyes	Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention.
Skin	Wash with soap and plenty of water.
Inhalation	Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration.
Ingestion	Call physician immediately. Victim should drink a small amount of water to dilute stomach content, and if vomiting occurs have victim lean forward to reduce risk of aspiration. Never give anything by mouth to an unconscious person.

Carcinogenicity: No regulated ingredients

Toxicity Information: Hexane: Repeated or prolonged exposure to hexane can cause reversible peripheral neuropathy with associated muscle weakness in the extremities (fingers and toes). High vapor concentrations may cause Central Nervous System depression.

LD50 Oral (Rat):	28,700 mg/kg
LD50 inhalation (Rat):	77,000 ppm/1 hr.

Precautions for safe handling and use

Releases or Spilled

Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.

Waste Disposal Method

Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.

Handling and Storing

Avoid breathing vapor. Keep away from heat and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130 F (54C). store at Level 3 Aerosol (NFPA 30B).

Other Precautions

Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

Employee Protection

Respiratory Protection

None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.

Ventilation

General ventilation is adequate under normal conditions, mechanical ventilation is optional.

Protective Gloves

Chemical resistant gloves are recommended – consult glove manufacturer to determine the proper type for a specific operation.

Eye Protection

Safety glasses are recommended.

Other Protective Clothing or Equipment

Wear impervious clothing to prevent skin contact. Protective clothing & equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

Work/Hygienic Practices

Ensure strict sanitary conditions are conformed to when working around chemicals.

Transportation Information**US DOT HMR Information**

Proper Shipping Name	Aerosols, Flammable
Hazard Class	2.1
UN Number	UN1950

Regulatory Information**Federal**

Toxic Substance Control Act (TSCA): Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

Other Information**Disclaimer**

NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, MSDS 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 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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