

Safety Data Sheet
Spray Shine

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Spray Shine
PRODUCT CODE: 139810100
RECOMMENDED USE: Vinyl and Rubber Protectant
RESTRICTIONS ON USE: None known.
COMPANY NAME: Detail King LP
COMPANY ADDRESS: 947 Old Frankstown Road, Pittsburgh, PA 15239
COMPANY PHONE: 724-325-0008
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Aerosol: Category 1
Gases Under Pressure: Liquefied Gas
Skin Irritant: Category 2
Specific Target Organ Toxicity (Single Exposure): Category 3
Aspiration Hazard: Category 1
Specific Target Organ Toxicity (Repeated Exposure): Category 2
Reproductive Toxicity: Category 2
Skin Sensitization: Category 1

HAZARD STATEMENT(S): DANGER: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child. May cause damage to the central and peripheral nervous systems, brain, lungs kidneys and reproductive system through prolonged or repeated exposure.

This product contains the following percentage of chemicals of unknown toxicity: N/A

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place. Wash hands thoroughly after handling, take off contaminated clothing and wash it before reuse. Wear protective gloves. If on skin, wash with plenty of water. If skin irritation occurs, get medical advice or attention. Avoid breathing mist, vapors or spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice or attention. Use only outdoors or in a well-ventilated area. Call a poison center or doctor if you feel unwell. If inhaled: Remove person to fresh air and keep comfortable for breathing. If swallowed: Immediately call a poison center or a doctor. Do NOT induce vomiting. Dispose of contents and container in accordance with local, state and federal regulations.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Heptane	142-82-5	40-50%
Propane	74-98-6	10-15%
n-Butane	106-97-8	30-40%
Hexane	110-54-3	3-7%
Fragrance	Mixture	1-4%

Trade Secret Information: A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

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SECTION IV - FIRST AID MEASURES

- EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
- INGESTION:** Rinse mouth out with water. Do not induce vomiting unless directed by medical authority. Keep head below hips if vomiting occurs. Seek immediate medical attention. Aspiration hazard. Never give anything by mouth to an unconscious person.
- INHALATION:** Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.
- SKIN:** Wash skin thoroughly with soap and water. Remove contaminated clothing and shoes, launder before reuse. If irritation persists seek medical attention.
- ACUTE HEALTH HAZARDS:** Contact with eyes may cause irritation, redness, tearing. Causes skin irritation. Inhalation of mist or vapors may cause respiratory irritation, drowsiness or dizziness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema. Exposure to vapor concentrations in excess of the occupational exposure limits may cause adverse effects on the kidneys, liver and central nervous system.
- CHRONIC HEALTH HAZARDS:** Target Organs: Excessive exposure to n-hexane can result in peripheral neuropathies. The initial symptoms are symmetrical sensory numbness and paresthesias of distal portions of the extremities. Motor weakness is typically observed in muscles of the toes and fingers but may also involve muscles of the arms, thighs and forearms. The onset of these symptoms may be delayed for several months to a year after the beginning of exposure. The neurotoxic properties of n-hexane are potentiated by exposure to methyl ethyl ketone and methyl isobutyl ketone. Reproductive: Prolonged exposure to high concentrations of n-hexane (>1,000 ppm) has resulted in decreased sperm count and degenerative changes in the testes of rats but not those of mice. Dermatitis may occur due to long-term irritation.
- NOTE TO PHYSICIAN:** There is no specific treatment regimen. Treatment of overexposure should be directed toward the control of symptoms and the clinical condition of the patient. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION V – FIRE-FIGHTING MEASURES

- EXTINGUISHING MEDIA:** Dry chemical, foam or carbon dioxide.
- UNSUITABLE EXTINGUISHING MEDIA:** Water spray/stream.
- SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers. Prevent run off from entering streams, sewers, or drinking water supply.
- UNUSUAL FIRE AND EXPLOSION HAZARDS:** EXTREMELY FLAMMABLE. Contents under pressure. Exposure to temperatures above 122 °F (50 °C) may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition.
- HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon, various hydrocarbons.

SECTION VI – ACCIDENTAL RELEASE MEASURES

- PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.
- SPILL:** Eliminate all sources of ignition. Clean up using rag or use some non-combustible material like vermiculite, sand or earth. Prevent spill from entering sewers, storm drains and natural waterways. Place waste in proper containers for disposal.
- WASTE DISPOSAL:** Dispose of in accordance with local, state and federal regulations. Do not dump in sewers.
- RCRA STATUS:** Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

- HANDLING AND STORAGE:** Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Store in cool, dry, ventilated area. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- OTHER PRECAUTIONS:** Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.
- INCOMPATIBILITY:** Strong oxidizing agents.

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SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Heptane	500 ppm	400 ppm
Propane	1000 ppm	1000 ppm
n-Butane	Not Established	1000 ppm
Hexane	500 ppm	50 ppm
Fragrance	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: General ventilation should be used. Provide sufficient mechanical ventilation (general and/or local exhaust) to maintain exposure below the recommended exposure limits.

RESPIRATORY PROTECTION: If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses/goggles and chemical resistant gloves.

ADDITIONAL MEASURES: Wear protective clothing to prevent repeated or prolonged contact with product. Wash hands thoroughly after handling.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, colorless spray.

ODOR: Vanilla.

ODOR THRESHOLD: N/D

pH: N/A

MELTING POINT/FREEZING POINT: N/D

INITIAL BOILING POINT AND BOILING RANGE: N/D

FLASH POINT: Not applicable, as aerosol.

EVAPORATION RATE: N/D

FLAMMABILITY (solid/gas): Extremely flammable aerosol.

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

EXPLOSIVE LIMIT LOWER (%): N/D

EXPLOSIVE LIMIT UPPER (%): N/D

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (AIR=1): N/D

RELATIVE DENSITY (H₂O=1): 0.70-0.74 @ 77° F

SOLUBILITY(IES): N/D

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

AUTOIGNITION TEMPERATURE: N/D

DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: None known.

CHEMICAL STABILITY: Stable.

POSSIBLE HAZARDOUS REACTIONS: None known.

CONDITIONS TO AVOID: Temperatures greater than 122 °F (50 °C) and sources of ignition. Avoid incompatible materials.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **Heptane** (142-82-5): LD₅₀ (Oral, Rat) > 15000 mg/kg; LD₅₀ (Dermal, Rabbit) > 3160 mg/kg; LC₅₀ (Inhalation, Rat, 4h) 103 mg/L. **Propane** (74-98-6): LC₅₀ (Inhalation, Rat, 4h) 658 mg/L. **n-Butane** (106-97-8): LC₅₀ (Inhalation, Rat, 4h) 30957 mg/m³. **n-Hexane** (110-54-3): LD₅₀ (Oral, Rat) > 5000 mg/kg; LD₅₀ (Dermal, Rabbit) > 2000 mg/kg; LC₅₀ (Inhalation, Rat, 4h) > 20 mg/L.

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

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EYES: May cause irritation, redness, tearing.

INGESTION: Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia or edema.

INHALATION: May cause respiratory tract irritation, dizziness, headaches, nausea, unconsciousness, central nervous system (CNS) depression.

SKIN: Causes irritation.

MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

ACUTE HEALTH HAZARDS: Contact with eyes may cause irritation, redness, tearing. Causes skin irritation. Inhalation of mist or vapors may cause respiratory irritation, drowsiness or dizziness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema. Exposure to vapor concentrations in excess of the occupational exposure limits may cause adverse effects on the kidneys, liver and central nervous system.

CHRONIC HEALTH HAZARDS: Target Organs: Excessive exposure to n-hexane can result in peripheral neuropathies. The initial symptoms are symmetrical sensory numbness and paresthesias of distal portions of the extremities. Motor weakness is typically observed in muscles of the toes and fingers but may also involve muscles of the arms, thighs and forearms. The onset of these symptoms may be delayed for several months to a year after the beginning of exposure. The neurotoxic properties of n-hexane are potentiated by exposure to methyl ethyl ketone and methyl isobutyl ketone. Reproductive: Prolonged exposure to high concentrations of n-hexane (>1,000 ppm) has resulted in decreased sperm count and degenerative changes in the testes of rats but not those of mice. Dermatitis may occur due to long-term irritation.

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: CA Prop 65

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: This material is toxic to aquatic life. **n-Heptane** (142-82-5): EC₅₀ (*Daphnia magna*, 48h) 1.50 mg/L.

PERSISTENCE AND DEGRADABILITY: This product is biodegradable.

BIOACCUMULATIVE POTENTIAL: This product is not expected to bioaccumulate.

MOBILITY IN SOIL: This product is not mobile in soil.

OTHER ADVERSE EFFECTS: None known.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not dump in sewers.

RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

PACKING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, flammable.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

PACKING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

PACKING GROUP: N/A

ENVIRONMENTAL HAZARDS WATER: Marine Pollutant.

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SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): **n-Hexane** (110-54-3) Reportable Quantity = 5,000 pounds.

SARA 311/312 HAZARD CATEGORIES: Flammable (gases, aerosols, liquids, solids). Gas under pressure. Skin corrosion or irritation. Specific target organ toxicity (single or repeated exposure). Aspiration hazard. Respiratory or skin sensitization.

SARA 313 REPORTABLE INGREDIENTS: **n-Hexane** (110-54-3).

STATE REGULATIONS: California Proposition 65: WARNING: This product can expose you to chemicals including n-Hexane, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. **Heptane** (142-82-5): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, IL, MA, NJ, PA, RI. **Hexane** (110-54-3): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, MA, NJ, NY, NC, PA, RI, WI.

INTERNATIONAL REGULATIONS: No information available.

VOLATILE ORGANIC COMPOUNDS (VOC): 94.5%

NFPA HEALTH:	2	HMIS HEALTH:	2
NFPA FLAMMABILITY:	3	HMIS FLAMMABILITY:	3
NFPA REACTIVITY:	0	HMIS REACTIVITY:	0
NFPA OTHER:	None	HMIS PROTECTION:	B

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Mitch Whitney

DATE PREPARED: 8/29/2023

REVISION DATE: N/A

N/A = Not Applicable; N/D = Not Determined

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