Safety Data Sheet (SDS)

DSI Automotive Products
1271 Fayland Dr.
Fargo, ND 58102
(701) 282-8451

SECTION 1: PRODUCT AND COMPANY INFORMATION

SUPPLIER / DISTRIBUTOR
DSI Automotive Products
1271 Fayland Dr.
Fargo, ND 58102

Telephone: (701) 282-8451
Emergency Telephone: 800-535-5053

PRODUCT IDENTIFIER

Mist and Gloss

OTHER COMMON NAMES OR SYNONYMS

Section 2: Hazard(s) Identification

GHS CLASSIFICATION
Skin Sensitizer: Category 1A.

GHS LABEL ELEMENTS

SIGNAL WORD: **Warning**

HAZARD PICTOGRAMS

HAZARD STATEMENTS
May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:
Keep out of reach of children.

PREVENTION
Avoid breathing dust/fume/gas/mist/vapors/spray. Wear protective gloves. Contaminated work clothing must not be allowed out of the workplace.

RESPONSE
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

ISPOSAL
Dispose of contents and container in accordance with all local, regional, national and international regulations.

OTHER HAZARDS
None known.

Section 3: Composition/Information on Ingredients

The identity of individual components of this mixture is proprietary information and is regarded to be a trade secret and is withheld in accordance with paragraph (i) of §1910.1200.

Ingredient	% by Wt.
Water	90-99%
Isopropyl Alcohol	0-5%
Silicone Emulsion	0-5%
Fragrance	< 1%

Section 4: First-Aid Measures

EYE CONTACT: Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

INHALATION: Remove person to fresh air. If you feel unwell, get medical attention.

SKIN CONTACT: Wash with soap and water. If signs/symptoms develop, get medical attention.

INGESTION: Rinse mouth. If you feel unwell, get medical attention.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED
See Section 11 Information on toxicological effects.

SPECIFIC TREATMENTS:
No data.

Section 5: Fire-Fighting Measures

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: None inherent in this product.

SUITABLE EXTINGUISHING MEDIA: In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

UNSUITABLE EXTINGUISHING MEDIA: No data.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: Formaldehyde, Carbon Oxides, Irritant Vapors or Gasses

SPECIAL FIRE FIGHTING PROCEDURES
No unusual fire or explosion hazards are anticipated.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:
No unusual fire or explosion hazards are anticipated.

Section 6: Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES
Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP
Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially

available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible.

ENVIRONMENTAL PRECAUTIONS:
Avoid release to the environment.

Section 7: Handling and Storage

PRECAUTIONS FOR SAFE HANDLING
Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Store away from heat.

Section 8: Exposure Controls/Personal Protection

CONTROL PARAMETERS
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Ingredients	CAS	Value type (Form of exposure)	Control parameters Permissible concentration	Basis
Isopropyl Alcohol	67-63-0	TLV	200 ppm 492 mg/m3	ACGIH
		STEL	400 ppm 984 mg/m3	ACGIH
		PEL	400 ppm 980 mg/m3	OSHA
		IDLH	2000 ppm	OSHA
		REL	400 ppm 980 mg/m3	NIOSH
		STEL	500 ppm 1225 mg/m3	NIOSH

ENGINEERING MEASURES
Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

INDIVIDUAL PROTECTION MEASURES

EYE/FACE PROTECTION
Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended as a good industrial hygiene practice: Wear eye/face protection, Safety Glasses with side shields

SKIN/HAND PROTECTION
Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use

conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Wear protective gloves. Gloves made from the following material(s) are recommended: Neoprene.

RESPIRATORY PROTECTION
In case of inadequate ventilation wear respiratory protection. An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure: Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates. For questions about suitability for a specific application, consult with your respirator manufacturer.

HYGIENE MEASURES
Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Section 9: Physical and Chemical Properties

PHYSICAL STATE
Liquid

FORM
Liquid

COLOR
colorless to amber

ODOR
Cherry

ODOR THRESHOLD
No data available.

PH
No data available.

FREEZING POINT
No data available

BOILING POINT
No data available.

FLASH POINT
No data available.

EVAPORATION RATE
No data available.

FLAMMABILITY (SOLID, GAS)
No data available.

FLAMMABILITY LIMIT - UPPER (%)
No data available.

FLAMMABILITY LIMIT - LOWER (%)
No data available.

EXPLOSIVE LIMIT - UPPER (%)
No data available.

EXPLOSIVE LIMIT - LOWER (%)
No data available.

VAPOR PRESSURE
No data available.

VAPOR DENSITY
No data available.

RELATIVE DENSITY
No data available.

SOLUBILITY IN WATER
No data available.

SOLUBILITY (OTHER)
No data available.

PARTITION COEFFICIENT (N-OCTANOL/WATER)
No data available.

AUTO-IGNITION TEMPERATURE
No data available.

DECOMPOSITION TEMPERATURE
No data available.

VISCOSITY
No data available

Section 10: Stability and Reactivity

REACTIVITY
Not expected to be Explosive, Self-Reactive, Self-Heating, or an Organic Peroxide under US GHS Definition(s).

CHEMICAL STABILITY
Material is stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS
Under normal conditions of storage and use, hazardous reactions will not occur.

CONDITIONS TO AVOID
Heat, spark or flame.

INCOMPATIBLE MATERIALS
None known.

HAZARDOUS DECOMPOSITION PRODUCTS
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Based on test data and/or information on the components, this material may produce the following health effects:

INHALATION: Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause target organ effects after inhalation.

SKIN CONTACT: May be harmful in contact with skin. Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

EYE CONTACT: Sprayed material may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

INGESTION: Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea. May cause target organ effects after ingestion.

Target Organ Effects:

SINGLE EXPOSURE MAY CAUSE: Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

TOXICOLOGICAL DATA
If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Isopropyl Alcohol	Dermal	Rabbit	LD50 12,870 mg/kg
Isopropyl Alcohol	Inhalation-Vapor (4 hours)	Rat	LD50 72.6 mg/l
Isopropyl Alcohol	Ingestion	Rat	LD50 4,710 mg/kg

Skin Corrosion / Irritation

Name	Species	Value
Isopropyl Alcohol	Multiple	No significant irritation

Serious Eye Damage/Irritation

Name	Species	Value
Isopropyl Alcohol	Rabbit	Severe Irritant

Skin Sensitization

Name	Species	Value
Isopropyl Alcohol	Guinea Pig	Not sensitizing

Respiratory Sensitization

No data.

Germ Cell Mutagenicity

Name	Route	Value
Isopropyl Alcohol	In Vitro / In Vivo	Not mutagenic.

Carcinogenicity

Name	Route	Species	Value
Isopropyl Alcohol	Inhalation	Rat	Some positive data exist, but the data are not sufficient for classification

Reproductive Toxicity

Name	Route	Value	Species	Test Result	Exposure Duration
Isopropyl Alcohol	Ingestion	Some positive developmental data exist, but the data are not sufficient for classification	Rat	NOAEL 4 mg/kg/day	during organogenesis
Isopropyl Alcohol	Inhalation	Some positive developmental data exist, but the data are not sufficient for classification	Rat	LOAEL 9 mg/l	during gestation

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ	Value	Species	Test Result	Exposure Duration
Isopropyl Alcohol	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	
Isopropyl Alcohol	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	
Isopropyl Alcohol	Inhalation	auditory system	Some positive data exist, but the data are not sufficient for classification	Guinea Pig	NOAEL 13.4 mg/l	24 Hours
Isopropyl Alcohol	Ingestion	central nervous system depression	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	poisoning and/or abuse

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ	Value	Species	Test Result	Exposure Duration
Isopropyl Alcohol	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 12.3 mg/l	24 months
Isopropyl Alcohol	Inhalation	nervous system	All data are negative	Rat	NOAEL 12 mg/l	13 weeks
Isopropyl Alcohol	Ingestion	kidney and/or bladder	May cause damage to organs though prolonged or repeated exposure	Rat	NOAEL 400 mg/kg/day	12 weeks

Section 12: Ecological Information (non-mandatory)

Section 13: Disposal Considerations (non-mandatory)

Section 14: Transport Information (non-mandatory)

Section 15: Regulatory Information (non-mandatory)

Section 16: Other Information

PREPARATION / REVISION DATE
05/27/2015

OTHER INFORMATION
This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

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