

# SAFETY DATA SHEET

## SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

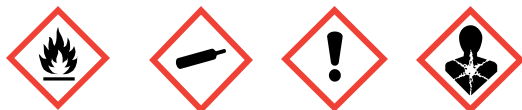
**Product ID:** 497939  
**Product Name:** ZenaShine Maxum  
**Revision Date:** May 01, 2023 **Date Printed:** May 01, 2023  
**Version:** 5.0 **Supersedes Date:** Dec 14, 2022  
**Manufacturer's Name:** Zenex International  
**Address:** 1 Zenex Circle Cleveland, OH, US, 44146  
**Emergency Phone:** 1-800-535-5053  
**Information Phone Number:** (440)-232-4155  
**Fax:**  
**Product/Recommended Uses:** Vinyl/Plastic Coating

## SECTION 2) HAZARDS IDENTIFICATION

### Classification

Aerosols - Category 1  
Gases Under Pressure - Liquefied Gas  
Aspiration Hazard - Category 1  
Skin Irritation - Category 2  
Reproductive Toxicity - Category 2  
Specific Target Organ Toxicity - Repeated Exposure - Category 2  
Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) - Category 3

### Pictograms



### Signal Word

Danger

### Hazardous Statements - Physical

H222 - Extremely flammable aerosol  
H280 - Contains gas under pressure; may explode if heated

### Hazardous Statements - Health

H304 - May be fatal if swallowed and enters airways  
H361f - Suspected of damaging fertility  
H315 - Causes skin irritation  
H373 - May cause damage to organs through prolonged or repeated exposure.  
H336 - May cause drowsiness or dizziness

### Precautionary Statements - General

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

### Precautionary Statements - Prevention

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use.

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P280 - Wear protective gloves, protective clothing, eye protection, and face protection.

P264 - Wash hands thoroughly after handling.

P260 - Do not breathe mist, vapor, or spray.

P271 - Use only outdoors or in a well-ventilated area.

### Precautionary Statements - Response

P314 - Get medical attention if you feel unwell.

P308 + P313 - IF exposed or concerned: Get medical attention.

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P331 - Do NOT induce vomiting.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P362 + P364 - Take off contaminated clothing and wash it before reuse.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 - Call a POISON CENTER or doctor if you feel unwell.

### Precautionary Statements - Storage

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.

P403 + P405 - Store in a well-ventilated place. Store locked up.

### Precautionary Statements - Disposal

P501 - Dispose of contents and container in accordance with local, regional, national and international regulations.

## SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
110-54-3	Hexane	25% - 50%
68476-86-8	Petroleum gases, liquefied, sweetened	25% - 50%
63148-62-9	Silicone	15% - 25%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

## SECTION 4) FIRST-AID MEASURES

### Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor. If breathing has stopped, trained personnel should begin rescue breathing or, if the heart has stopped, immediately start cardiopulmonary resuscitation (CPR) or automated external defibrillation (AED). If you feel unwell/If concerned: Get medical advice/attention.

### Eye Contact

Rinse eyes cautiously with lukewarm, gently flowing water for 15 minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

#### **Skin Contact**

Wipe off with a towel. Wash with soap and water. Get medical attention if irritation persists.

#### **Ingestion**

Ingestion is not a likely route of exposure. Get medical attention if you feel unwell.

#### **Most Important Symptoms/Effects, Acute and Delayed**

No data available.

#### **Indication of Immediate Medical Attention and Special Treatment Needed**

No data available.

### **SECTION 5) FIRE-FIGHTING MEASURES**

#### **Suitable Extinguishing Media**

Foam, alcohol foam, carbon dioxide, dry chemical, water fog.

#### **Unsuitable Extinguishing Media**

Water may be ineffective but can be used to cool containers exposed to heat or flame.

#### **Specific Hazards in Case of Fire**

Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention. Hazardous decomposition products include carbon dioxide, carbon monoxide, and other toxic fumes.

#### **Fire-fighting Procedures**

Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat.

#### **Special Protective Actions**

Wear goggles and use a self-contained breathing apparatus. If water is used, fog nozzles are preferred.

### **SECTION 6) ACCIDENTAL RELEASE MEASURES**

#### **Emergency Procedure**

Avoid breathing vapors. Ventilate area. Remove all sources of ignition.

#### **Recommended Equipment**

Wear safety glasses with side shields. Use of gloves approved from relevant standards that meet or are equivalent to OSHA 29 CFR 1910.132.

#### **Personal Precautions**

Avoid breathing vapors. Ventilate area.

#### **Environmental Precautions**

Stop spill/release if it can be done safely.

#### **Methods and Materials for Containment and Cleaning up**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

### **SECTION 7) HANDLING AND STORAGE**

#### **General**

Do not puncture or incinerate (burn) cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally.

#### **Ventilation Requirements**

Use in a well-ventilated place.

#### **Storage Room Requirements**

Store and use in a cool, dry, well-ventilated area. Do not store above 120°F. See product label for additional information.

## SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

### Eye protection

Wear safety glasses with side shields. Eyewash stations and showers should be available in areas where this material is used and stored.

### Skin Protection

Use solvent-resistant protective gloves for prolonged or repeated contact.

### Respiratory protection

Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved air line respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

### Appropriate Engineering Controls

Ventilation should be sufficient to prevent inhalation of any vapors.

Chemical Name	OSHA TWA (mg/m3)	OSHA TWA (ppm)	OSHA STEL (mg/m3)	OSHA Carcinogen	OSHA Skin designation	OSHA Tables (Z1, Z2, Z3)	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)
Petroleum gases, liquefied, sweetened	2000	500				1		
Hexane	1800	500				1		50

Chemical Name	NIOSH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH TLV Basis	ACGIH Notations	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)
Petroleum gases, liquefied, sweetened								
Hexane					CNS imp; peripheral neuropathy; eye irr	Skin; BEI	180	50

Chemical Name	NIOSH STEL (mg/m3)	OSHA STEL (ppm)	NIOSH Carcinogen
Petroleum gases, liquefied, sweetened			
Hexane			

BEI - Substances for which there is a Biological Exposure Index or Indices, CNS - Central nervous system, imp - Impairment, irr - Irritation

## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

Density	5.62 lb/gal
Density VOC	4.77 lb/gal
% VOC	85.0%
<hr/>	
Appearance	Clear, colorless liquid
Odor Threshold	N.A.
Odor Description	Petroleum spirit
pH	N.A.
Water Solubility	Insoluble
Flammability	Flash point below 73°F / 23°C
Vapor Pressure	N/A
Flash Point	<73.0°F
Kinematic Viscosity	<20 cSt (40°C)
Lower Explosion Level	N.A.

Upper Explosion Level	N.A.
Melting Point	N.A.
Vapor Density	N.A.
Freezing Point	N.A.
Low Boiling Point	N.A.
High Boiling Point	N.A.
Decomposition Pt	N.A.
Auto Ignition Temp	N.A.
Evaporation Rate	N.A.

## SECTION 10) STABILITY AND REACTIVITY

### Stability

The product is stable under normal storage conditions.

### Conditions To Avoid

High temperatures.

### Incompatible Materials

No data available.

### Hazardous Reactions/Polymerization

None known.

### Hazardous Decomposition Products

Hazardous decomposition products may include carbon dioxide, carbon monoxide, and other toxic fumes.

## SECTION 11) TOXICOLOGICAL INFORMATION

### Likely Route of Exposure

Inhalation, ingestion, skin absorption.

### Skin Corrosion/Irritation

Causes skin irritation

### Serious Eye Damage/Irritation

Based on available data, the classification criteria are not met.

### Carcinogenicity

Based on available data, the classification criteria are not met.

### Germ Cell Mutagenicity

Based on available data, the classification criteria are not met.

### Reproductive Toxicity

Suspected of damaging fertility

### Respiratory/Skin Sensitization

Based on available data, the classification criteria are not met.

### Specific Target Organ Toxicity - Single Exposure

May cause drowsiness or dizziness

### Specific Target Organ Toxicity - Repeated Exposure

May cause damage to organs through prolonged or repeated exposure.

### Aspiration Hazard

May be fatal if swallowed and enters airways

### Acute Toxicity

Based on available data, the classification criteria are not met.

## SECTION 12) ECOLOGICAL INFORMATION

### Toxicity

Based on available data, the classification criteria are not met.

### Persistence and Degradability

Expected to be readily biodegradable

### Bioaccumulative Potential

Has the potential to bioaccumulate.

### Mobility in Soil

If it enters soil, it will adsorb to soil particles and will not be mobile

### Other Adverse Effects

No data available.

### Results of the PBT and vPvB assessment

The substance is not PBT / vPvB.

## SECTION 13) DISPOSAL CONSIDERATIONS

### Waste Disposal

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

## SECTION 14) TRANSPORT INFORMATION

	U.S. DOT Information	IMDG Information	IATA Information
<b>UN number:</b>	UN1950	UN1950	UN1950
<b>Proper shipping name:</b>	Aerosols	Aerosols	Aerosols, flammable
<b>Hazard class:</b>	2.1	2.1	2.1
<b>Packaging group:</b>	N.A.	N.A.	N.A.
<b>Hazardous substance (RQ):</b>	No Data Available		
<b>Marine Pollutant:</b>	No Data Available	No Data Available	
<b>Note / Special Provision:</b>	Limited Quantity	Limited Quantity	Limited Quantity
<b>Toxic-Inhalation Hazard:</b>	No Data Available		

## SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
110-54-3	Hexane	25% - 50%	SARA313, CERCLA, HAPS, SARA312, VOC, TSCA, ACGIH, California Proposition 65, OSHA
68476-86-8	Petroleum gases, liquefied, sweetened	25% - 50%	SARA312, TSCA, OSHA
63148-62-9	Silicone	15% - 25%	SARA312, TSCA

## SECTION 16) OTHER INFORMATION

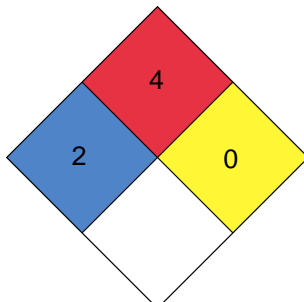
### Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

### HMIS

Health	/ 2
FLAMMABILITY	4
Physical Hazard	0
Personal Protection	B

### NFPA



( \*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

### Version 5.0:

Revision Date: May 01, 2023

### DISCLAIMER

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.