

**SECTION 1: Identification of the substance**

**Product form:** Liquid

**Substance name:** Ceramic Z-Gloss

**Synonyms:** NA

**Use of the substance/mixture:** Coating resin solution for automotive exterior surfaces, including paint, plastic, metal.

**Name, Address, and Telephone of the Responsible Party**

Ziebart International Corporation

1290 E. Maple Road

Troy, Michigan 48083

(Tel) 248-588-4100

**Emergency telephone number:** Chemtrec, Contract #25063, Tel (800) 424-9300

**SECTION 2: Hazards identification**

Classification of the substance or mixture GHS-US classification

Combustible Liquid – Category 3 – H227 Combustible liquid and vapor

Label elements GHS-US labeling

**Hazard Pictograms (GHS-US)**



**Signal Word (GHS-US):** DANGER

**Hazard Statements (GHS-US):**

H227 – Combustible liquid and vapor

H302 – Harmful if swallowed

H312 – Harmful in contact with skin

H315 – Causes skin irritation

H320 – Causes eye irritation

H332 – Harmful if inhaled

H336 – May cause drowsiness or dizziness

H373 – May cause damage to organs through prolonged or repeated exposure

**Precautionary statements (GHS-US):**

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

P261 – Avoid breathing dust/fumes/gas/mist/vapors/spray

P262 – Do not get in eyes, on skin, or on clothing

P264 – Wash...thoroughly after handling

P273 – Avoid release to the environment without proper governmental permits

P280 – Wear protective gloves/protective clothing/eye protection/face protection

P284 – In case of inadequate ventilation, wear respiratory protection

P301+P310 – IF SWALLOWED: immediately call POISON CENTER/doctor

P305+P351+P338 – IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P337+P313 – if eye irritation persists, get medical advice/attention

P303+P361+P353 – IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower

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

P402 – Store in a dry place

P402+P404 – Store in a dry place. Store in a closed container.

**Other hazards**

No additional information available

**Unknown acute toxicity (GHS US)**

No data available

### SECTION 3: Composition/information on ingredients

#### Substances

Name	Product Identifier	%	GHS-US classification
Resin Compound	Trade Secret	<15	Not established
Octamethylcyclotetrasiloxane	556-67-2	<60	H227 – Combustible liquid
Naphtha, heavy alkylate	68551-17-7	<15	H227 – Combustible liquid
Parachlorobenzotrifluoride	64742-94-5	<20	H267 – Flammable liquid
D'limonene	5989-27-5	<3	H226 – Flammable liquid

### SECTION 4: First aid measures

Description of first aid measures:

**First-aid measures after inhalation:** Remove to fresh air. Administer oxygen if there is difficulty in breathing. Obtain medical attention immediately, if necessary

**First-aid measures after skin contact:** Remove contaminated clothing without delay. Flush skin thoroughly with water. Do not reuse clothing without laundering.

**First-aid measures after eye contact:** Immediately irrigate with plenty of water for 15 minutes including under the eyelids. Obtain medical attention if irritation persists.

**First-aid measures after ingestion:** Call a physician immediately. ONLY induce vomiting at the instructions of a physician. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

**Symptoms/injuries after skin contact:** May cause irritation, drying, redness, burning, and cracking

**Symptoms/injuries after inhalation:** May cause headache, dizziness, nausea

**Symptoms/injuries after eye contact:** Causes serious eye irritation and conjunctivitis

**Symptoms/injuries after ingestion:** May cause dizziness, nausea, headache, weakness, drowsiness, vomiting, and irritation of the digestive tract, loss of coordination, fatigue, muscle twitches, diarrhea, gastrointestinal irritation, unconsciousness, convulsions, and death.

**Indication of any immediate medical attention and special treatment needed**

If medical advice is needed, have product container or SDS at hand

### SECTION 5: Firefighting measures

**Extinguishing media**

**Suitable extinguishing media:** Foam, alcohol foam, CO2, dry chemical

**Special hazards arising from the substance or mixture**

**Fire hazard:** Combustible liquid and vapor.

**Explosion hazard:** Container explosion may occur under fire conditions

**Reactivity:** Strong oxidizing agents, material may react with water and certain protic solvents

**Advice for firefighters**

**Firefighting instructions:** During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**Protection during firefighting:** Use full protective equipment, including self-contained breathing apparatus. Use water to cool fire exposed containers.

### SECTION 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**General measures:** Remove sources of ignition. Warn other works of spill. Wear protective equipment (NIOSH approved respirator, gloves, and safety glasses). Handle in accordance with good industrial hygiene and safety practice.

**For non-emergency personnel**

**Protective equipment:** NIOSH approved respirator, gloves, and safety goggles

**Emergency procedures:** Evacuate unnecessary personnel.

For emergency responders

**Protective equipment:** Equip cleanup crew with NIOSH approved respirators, chemical resistant outerwear, gloves, and safety goggles.

**Emergency procedures:** Ventilate area.

**Environmental precautions**

Prevent entry to sewers and public waters. Do not allow material to be released into the environment without proper government permits.

Methods and material for containment and cleaning up

**For containment:** Absorb and/or contain spill with inert material, then place in suitable container.

**Methods for cleaning up:** Clear up spills immediately and dispose of waste safely.

**Reference to other sections**

See heading 8, Exposure Controls and Personal Protection.

## SECTION 7: Handling and storage

Precautions for safe handling

**Precautions for safe handling:** Do not breathe vapors or mists from spraying. Avoid contact with skin and eyes. Use with adequate ventilation to maintain exposure levels below established exposure limits. If required, wear an appropriate NIOSH approved respirator with paint filter.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, dry place, suitable for OSHA Class III flammable liquids. Keep away from heat, sparks, and open flame. Keep container tightly closed. Vent periodically to release any head pressure.

**Incompatible products:** Strong oxidizers, water, and protic solvents

**Incompatible materials:** Heat sources.

**Storage area:** Cool, dry, and away from heat sources

**Special rules on packaging:** Store only in original HDPE plastic or metal container

**Specific end use(s):** Industrial paint protection

## SECTION 8: Exposure controls/personal protection

Exposure controls

**Engineering Controls:** Exhaust ventilation, showers, eyewash stations, use in well ventilated area

**Personal Protective Equipment:** Safety goggles, respirator (organic vapor / P95), nitrile gloves



**Respiratory Protection:** Use NIOSH approved respirator if TWA/TVL limits are exceeded

**Protective Gloves:** Nitrile examination type

**Eye Protection:** Safety glasses with side shields or goggles

**Other Protective Equipment:** Wear appropriate respirator, gloves and eye wear, avoid contact with skin or eyes.

**Ventilation:** Local exhaust used to maintain below TWA limits

**Mechanical:** Use non-sparking equipment

**Work/Hygienic Practices:** Wash thoroughly after handling product and before eating, drinking, or smoking

## SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

<b>Physical State:</b>	Liquid
<b>Appearance:</b>	Clear liquid
<b>Color:</b>	Straw (pale yellow)
<b>Odor:</b>	Ammonia and solvent odor
<b>Boiling Point:</b>	138-180° C (282-356° F)
<b>Flash Point:</b>	48° C (118° F)
<b>Specific Gravity:</b>	.85
<b>Density:</b>	7.1 lbs/gallon
<b>Viscosity:</b>	N/A

## SECTION 10: Stability and reactivity

<b>Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Keep away from open flames, hot surfaces, sources of ignition, moist air, water
<b>Incompatible Materials:</b>	Strong oxidizing agents. Material may react with water and certain protic solvents
<b>Hazardous Decomposition Products:</b>	Carbon monoxide, carbon dioxide, hydrogen fluoride, hydrogen chloride gas
<b>Hazardous Polymerization:</b>	None

## SECTION 11: Toxicological information

Toxicological Information – Resin Polymer

**Carcinogenicity information:** Not listed as a carcinogen by NTP (National Toxicology Program); not regulated as a carcinogen by OSHA (Occupational Safety and Health Administration), not evaluated by IARC (International Agency for Research on Cancer)

**Reported human effects:** No human studies have been conducted on this material. The use of recommended protective equipment should prevent any adverse effects. No reports of adverse effects from workers handling this material have been received.

**Reported animal effects:** Oral LD50 rat: 200 – 2000 mg/kg. Skin irritation, rabbit: severe erythema with signs of necrosis after 1-hour exposure.

Toxicological Information – Hydrocarbon Solvent

**Acute exposure effects**

**Skin contact:** may cause irritation, drying, redness, burning, and cracking

**Eye contact:** may cause irritation and conjunctivitis

**Ingestion:** harmful or fatal if swallowed. May cause dizziness, nausea, headache, weakness, drowsiness, vomiting, irritation of digestive tract, loss of coordination, fatigue, muscle twitches, diarrhea, gastrointestinal irritation, unconsciousness, convulsions, and death.



**Chronic exposure effects:** Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage such as anemia, skin irritation, bone marrow, liver damage and jaundice. In addition, various organic solvents have exhibited mutagenic and teratogenic properties. For specific information regarding these effects, please see individual manufacturing data sheets for solvent components listed in Section 2.

#### SECTION 12: Ecological information

**General comments:** Do not allow material to be released into the environment without proper governmental permits.

#### SECTION 13: Disposal considerations

**Waste Disposal Method:**

Disposal should be made in accordance with federal, state and local regulations. Recovered non-usable material is a RCRA hazardous waste. Treatment, storage, transportation and disposal must be in accordance with EPA and State regulation under the authority of the Resource Conservation and Recovery Act (RCRA) 40 CFR parts 260-271

A competent and properly permitted contractor should do appropriate disposal. Do not mix this product with aqueous or other protic wastes streams. Incineration of combustible waste material in a permitted facility in accordance with the local, state, and federal regulations is the recommended disposal method.

#### SECTION 14: Transport information

**Hazardous for shipping via ground: NO (exempt at less than bulk – 119 gallon quantities). Via Air: Yes, flammable**

**DOT Shipping Name:** Combustible Liquid (None bulk shipping ground transport)

**DOT Hazard Class:** 3

**DOT Labels:**



**Domestic Ground Transport:** NA1993, Combustible Liquid, N.O.S. (Octamethylcyclotetrasiloxane), Combustible Liquid, PG III

**Air (IATA):** UN1993, Flammable liquid, N.O.S. (Octamethylcyclotetrasiloxane) 3, PG

**Sea (IMDG):** UN1993, Flammable liquid, N.O.S. (Octamethylcyclotetrasiloxane) 3, PG III

#### SECTION 15: Regulatory information

**SARA 313:** This product does not contain any chemicals subject to reporting under Section 313 of the Title III of the Superfund Amendments and Reauthorization Act and 40CFR372.

**CERCLA:** This product does not contain any chemicals subject to reporting as a CERCLA Hazardous Substance under 40CFR302.4.

**TSCA:** The ingredients in this product are TSCA listed and EPA compliant.

**EU Labeling:**

Xn: Harmful

**EU Risks and Safety Phrases:**

R10: Combustible

R22: Harmful if swallowed

R34: Causes severe skin burns

S16: Keep away from sources of ignition. No smoking

S23: Do not breathe gas/fumes/vapor/spray

S24/25/26: Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S28: After contact with skin, wash immediately with plenty of water

S37/39: Wear suitable gloves and eye/face protection

**SECTION 16: Other information**

**Prepared for:** Ziebart International Corporation

**Revision Summary:** This document has been updated to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

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