

# Material Safety Data Sheet

## Z202000 Diamond Gloss

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### 1. IDENTIFICATION

Ziebart International  
1290 E. Maple Road  
P.O. Box 1290  
Troy, MI 48007  
1 (248) 837-3955

Product Name: Diamond Gloss  
Product Code: Z202000  
Product Use: Paint Coating  
24-hour emergency phone: 1-800-424-9300 (CHEMTREC)

### 2. HAZARD IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard  
Symbols



#### GHS Classification

Reproductive Toxicity Category 1B  
Flammable Liquid Category 3

#### Signal Word

Danger

#### Hazard Statements

Flammable liquid and vapour.  
May damage fertility or the unborn child.

#### Precautionary Statements

##### Prevention

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting/.../ equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Use personal protective equipment as required.

##### Response

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF exposed or concerned: Get medical advice/attention.  
In case of fire: Use ... to extinguish.

##### Storage

Keep container tightly closed.  
Store in a well-ventilated place. Keep cool.  
Store locked up.

##### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	Percent
Aliphatic hydrocarbon	64742-48-9	65 - 80
Amyl acetate	628-63-7	1 - 15
Ethylene glycol methyl ether	143-24-8	1 - 15
solvent naphtha (petroleum), heavy aliph.	64742-96-7	1-20
Distillates (petroleum), hydrotreated light	64742-47-8	1-20

# HMIS® III\* HAZARDOUS WARNINGS:

Health: 1

Flammability: 2

Physical: 0

Personal  
Protective  
Equipment:

See Section 8

\* See [www.paint.org/hmis](http://www.paint.org/hmis) or call the NPCA at 1 (202) 462-6272 for more information on this current rating system.

## 4. FIRST AID MEASURES

**Eyes:** Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

**Skin Contact:** In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist. Seek medical attention if symptoms persist. Wash clothing before reuse.

**Ingestion:** Do not induce vomiting. Aspiration into the lungs can cause serious damage. Contact a physician, medical facility, or poison control center immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

### NOTES TO PHYSICIAN:

This material is an aspiration hazard. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Inhalation of high concentrations of the material, or one of its components, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); liver; kidney; blood forming system;

## 5. FIRE FIGHTING MEASURES

**Fire and/or Explosion Hazards:** This product contains a component(s) that is considered a combustible liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point.

**Fire Fighting Instructions:** Use CO<sub>2</sub>, foam or dry chemical. Do not direct a solid stream of water or foam into hot burning pools, this may cause frothing and increase fire intensity. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Apply water from a safe distance to cool container and protect surrounding area.

## 6. ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

## 7. HANDLING AND STORAGE

**Handling:** All 5 gallon and larger containers should be grounded and/or bonded when material is transferred. Do not use near ignition sources. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Avoid prolonged or repeated breathing of vapor. Avoid prolonged or repeated contact with skin. Use with adequate ventilation.

**Storage:** Keep container tightly closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).

**Eye Protection:** Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Do not wear contact lenses. Have an eye wash station available.

**Skin Protection:** The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

**Respiratory Protection:** A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator.

COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Aliphatic hydrocarbon	64742-48-9	Not established	Not established	300ppm mfr. recommended
Amyl acetate	628-63-7	50ppm TWA	100ppm TWA	Not established
Ethylene glycol methyl ether	143-24-8	Not established	Not established	Not established
solvent naphtha (petroleum), heavy aliph.	64742-96-7	Not established	Not established	Not established
Distillates (petroleum), hydrotreated light	64742-47-8	Not established	Not established	Not established

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Bulk liquid	Lower Flammability Limit (%):	0.7
Appearance:	Clear Colorless	Upper Flammability Limit (%):	5.6
Odor:	Petroleum solvent Characteristic	Vapor Pressure (PSIG @ 70°F):	0.03 4.0
Odor Threshold:	Mild	Vapor Density [air = 1]:	5.65
pH:	Not applicable	Relative Density (H2O=1):	0.79
Melting/Freezing Point (°F):	No data available	Solubility in Water:	Negligible; 0-1%
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water:	No data available
Flash Point (°F PMCC):	106.0	Autoignition Temperature (°F):	689
Evaporation Rate:	0.1-0.5 (n-Butyl acetate = 1)	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	< 0.0001		

## 10. STABILITY AND REACTION

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid contact with: Strong oxidizing agents. Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Hydroxides. Nitric Acid. Strong alkalies. Chlorine. Hypochlorites.
Decomposition Products:	Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various hydrocarbons. Aldehydes.

## 11. TOXICOLOGICAL INFORMATION

Reproductive & Developmental Toxicity:	No data available.
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Ingredient	CAS #	Toxicological Data
Aliphatic hydrocarbon	64742-48-9	Dermal LD50 Rabbit > 3160 mg/kg Oral LD50 Rat > 10000 mg/kg
Amyl acetate	628-63-7	Dermal LD50 Rabbit > 18 g/kg Oral LD50 Rabbit = 7400 mg/kg Inhalation LC50 (8h) Rat > 3000 ppm

## 12. ECOLOGICAL INFORMATION

Ecological Toxicity:	May cause long-term adverse effects in the aquatic environment.
Mobility:	No data available
Degradability:	This product is expected to be inherently biodegradable. No data available.

Ingredient	CAS #	Toxicological Data
Amyl acetate	628-63-7	Aquatic LC50 (96h) MINNOW 65 mg/L

## 13. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

## 14. TRANSPORTATION INFORMATION

Agency	UN Number	Proper Shipping name	Hazard Class	Packing Group
DOT	UN1866	Resin Solution	3	II
IATA	UN1866	Resin Solution	3	II
IMDG	UN1866	Resin Solution	3	II

\* "Limited Quantities" may be applicable for this transportation mode.

## 15. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS #	% BY WEIGHT	Regulatory Body
No components listed in this section.			SARA Section 313

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

No components listed in this section.	Prop65 Cancer
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Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

No components listed in this section.	Prop65 Birth Defects
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All components of this product are listed on the TSCA inventory.

## 16. OTHER INFORMATION

Other Information : MSDS Prepared by L. Dean Swartz, MSDS Coordinator

Version Date: 02/12/15

This information contained in this MSDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Ziebart International Corporation, it is the user's obligation to determine the conditions of safe use.