



## MSDS Sheet

Issued: April 26, 2007

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### 1. IDENTIFICATION

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Trade Name: Black Diamond High Gloss Topcoat  
Chemical Family: Synthetic Polymer Compound  
CAS Number: Proprietary  
Molecular Formula: Proprietary

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2. COMPOSITION	C.A.S. No.	Percent
Proprietary Coating	None	100%

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### 3. HAZARDOUS IDENTIFICATION

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**EMERGENCY OVERVIEW:**

**Physical Appearance and Odor:** Milky white liquid.

**Warning Statements:** No known Hazards. The toxicological properties of this material have not been fully investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or the eyes, and to prevent ingestion.

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### 4. FIRST AID MEASURES

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**Eye Contact:**

Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists, or if visual changes occur.

**Skin Contact:**

Immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention if irritation develops or persists. Remove contaminated clothing and shoes. Clean contaminated clothing or shoes before re-use.

**Ingestion:**

If victim is conscious and alert, give 2-4 glasses of water to drink. Never induce vomiting or give anything by mouth to an unconscious person. Seek immediate medical attention. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute chemical.

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## 5. FIRE FIGHTING MEASURES

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**Flash Point:** Not Flammable

**Extinguishing Media:** Water, dry chemical, or carbon dioxide

**Special Firefighting Procedures:** Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. During a fire, irritating and highly toxic gasses may be generated by thermal decomposition or combustion.

**Unusual Fire and Explosion Hazards:** No information available.

**Hazardous Decomposition Materials (Under Fire Conditions):** Low molecular weight organic compounds will be formed.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Personal Precautions:** Wear appropriate protective gear for situation (See section 8).

**For Spill:** Use water for cleanup before allowing to dry. Dirt, sand or other absorbent compound can be sprinkled on the spill to absorb the material, residue should be placed in a waste disposal container. Flush area well with water. Use care when cleaning up a spill as spill area will be slippery.

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## 7. HANDLING AND STORAGE

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**Personal Precautions:** Wear appropriate protective gear for situation (See section 8).

**Handling:** Avoid breathing mist or vapor. Work in a well ventilated area. Avoid contact with skin and eyes.

**Storage:** Store in tightly closed containers at temperatures between 5°C and 27°C (40° to 80° F) to prolong storage life.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Respiratory Protection:** When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

Under normal conditions, in the absence of other airborne contaminants, the following devices should provide protection from the material up to the conditions specified by the appropriate OSHA standards: Air-purifying (half mask/full face mask) respirator with cartridge/canister approved for use against dust mist and fumes.

**Eye/Face Protection:** Eye and face protection requirements will vary upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.

It is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION – CONT.

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**Skin Protection:** Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing.

**Work Practice Control:** Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when handling this material:

- 1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- 2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics or using the toilet.
- 3) Wash exposed skin promptly to remove accidental splashes of contact with this material.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical and chemical properties represent typical properties of this product. Contact IJ Technologies for exact specifications.

Appearance: Milky white liquid  
Odor: Slight sweet smell  
Freezing Point: No data  
Boiling Point: 100°C  
Melting Point: No data  
Flashpoint: No data  
Solubility: Dispersible in water  
Vapor pressure: Same as water  
Vapor density: Same as water  
Specific Gravity: 1.0584  
Evaporation rate: Same as water  
Percent Volatile: 64-66%

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## 10. STABILITY AND REACTIVITY

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**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** Incompatible materials and extreme heat

**Materials to Avoid:** Acids, Salts

**Polymerization to Avoid:** Will not occur

**Hazardous Decomposition Products:** Low molecular weight organic compounds will be formed.

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## 11. TOXICOLOGICAL INFORMATION

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**LD50/LC50:** No information available

**Carcinogenicity:** Contains no ingredients listed by ACGIH, IARC, NIOSH, NTP, or OSHA in concentrations greater than .1%

**Exposure Standards:** Formaldehyde concentrations in the workplace air may exceed the TLV under certain conditions of use. Under normal conditions of use, in a well-ventilated space, the concentration of minor components in the workplace air will not exceed the TLV or PEL. Maintain air contaminant concentrations in the workplace at the lowest feasible levels. Minor components will migrate into the container headspace. Open drums in a well ventilated area. The principal volatile component is water.

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## 12. DISPOSAL CONSIDERATIONS

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May be incinerated or disposed of in a sanitary landfill in accordance with standard procedures used with emulsion products. Chemical additions, processing or otherwise altering this material may make the waste management information presented on this MSDS incomplete, inaccurate, or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding proper disposal of this material.

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## 13. TRANSPORT INFORMATION

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US Department of Transportation  
Hazard Class: Not Applicable  
DOT Shipping Name: Non-Regulated Chemical, N.O.S.  
UN Number: Not Applicable  
Packing Group: Not Applicable

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## 14. REGULATORY INFORMATION

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Federal Regulations

Inventory Issues: All functional components of this product are listed on the TSCA Inventory.

Hazardous Materials Identification System (HMIS)

Health: 1  
Flammability: 0  
Reactivity: 0  
Personal Protection: F

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The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. IJ Technologies may correct or update information periodically, please check with IJ Technologies directly to obtain the most current MSDS available.