



## MATERIAL SAFETY DATA SHEET

Manufacturers Name: ..... **LCR / HALLCREST, LLC.**  
Address: ..... **1820 Pickwick Lane**  
**Glenview, Illinois 60026, U.S.A.**  
Information/ Emergency  
Telephone No. ... .. **(847) 998-8580**

### SECTION I - GENERAL INFORMATION

Product Number: ..... 8202 DA  
Product Name:..... Instascan Black Primer  
Product Description: .. Aqueous black coating  
Formula: ..... Chemical identity withheld as trade secret under OSHA Hazard  
Communication Standard 29 CFR 1910.1200 (i) (1)

### SECTION II - HAZARDOUS INGREDIENTS

None

### SECTION III - PHYSICAL DATA

Boiling Point (°C): .....	N/A	Vapor Density (air=1):.....	N/A
Melting Point (°C):.....	N/A	Evaporation Rate: .....	<1 (BuAc=1)
Specific Gravity (H <sub>2</sub> O=1):.....	N/A	Solubility in water: .....	Aqueous formulation
Vapor Pressure:.....	N/A	Appearance/Odor:.....	Black liquid
Percent Volatile by Wt: .....	<1%		No specific odor

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (°C): ..... N/A  
Flammable Limits: ..... N/A  
Extinguishing Media: . ..... CO<sub>2</sub>, foam or dry chemical powder  
Special Fire Fighting  
Procedure: ... .. Wear self-contained breathing apparatus and fire and chemical resistant  
clothing  
Unusual Fire and  
Explosion Hazards:.... .. Emits toxic fumes of CO<sub>x</sub> when heated to decomposition

### SECTION V - HEALTH HAZARD DATA

Primary Routes of Entry:..... Inhalation, ingestion or skin contact  
Threshold Limit Value:..... Not Established  
Effects of Exposure: .. .. **Eyes** - May cause irritation  
**Skin** - . May cause irritation on prolonged or repeated exposure  
**Inhalation** - May cause respiratory irritation  
**Ingestion** - May cause nausea, gastrointestinal upset and diarrhea  
Medical Conditions Aggra-  
vated by Exposure:.... .. Existing skin disorders and rashes  
Emergency First Aid: . ..... **Skin** ... - flush thoroughly with water  
**Eyes** .. - flush with copious amounts of water for at least 15 minutes; get  
medical attention  
**Inhalation/Ingestion** - Get prompt medical attention  
Carcinogen: ... .. **NTD:** No; **IARC:** No; **OSHA:** No

## SECTION VI - REACTIVITY DATA

Stability: ..... Stable  
Conditions to Avoid:..... Fire or excess heat; thermal decomposition  
Incompatibility: ..... Strong acids, alkalis and oxidizing agents  
Hazardous  
Polymerization: ..... Will not occur  
Hazardous Decomposition  
Products: ..... CO<sub>x</sub>

## SECTION VII - ENVIRONMENTAL PROTECTION PROCEDURES

Spillage:..... Avoid inhalation of material. Use appropriate respirator, gloves,  
..... goggles, and protective clothing. Cover spill with vermiculite, pick up and  
..... keep in closed container for disposal. Wash area with soap and water.  
Waste Disposal Method:..... Consult local, state and Federal laws. Dispose in an approved landfill or  
..... send to a licensed treatment, storage and disposal facility.  
RCRA Waste Number:..... N/A

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Eye Protection: ..... Chemical safety goggles  
Skin Protection: ..... Chemical resistant gloves  
Respiratory Protection: ..... Approved respirator  
Ventilation: ..... Provide adequate general mechanical and local exhaust  
Other Protection: ..... Lab coat

## SECTION IX - SPECIAL PRECAUTIONS

Handling & Storage: ... Keep container tightly closed. Store in the general chemical storage  
..... area in the dark, in a cool, dry place. Keep away from heat and open  
..... flame. Protect against physical damage.  
Other Precautions:..... When handling large quantities, **always** wear protective equipment.

"While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and condition of sale. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by Liquid Crystal Resources, (LCR) are given gratis and LCR assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk".

N/A - Not Available

Revision Date – March, 2003