

# MATERIAL SAFETY DATA SHEET

**Product Name:** Colloidal Graphite Paint

**Catalog Number:** 60790

**Other Names:** Electrodag 154 (from Acheson Colloids, Port Huron, MI)

**DOT Hazard Class:** Flammable Liquid

**DOT Proper Shipping Name:** Paint

**UN ID No.:** UN 1263

**MSDS Updated:** 9/2011

*Distributed By:* Ladd Research Industries

83 Holly Court

Williston, VT 05495

(802) 658-4961

## HAZARDOUS COMPONENTS

	<i>CAS Number</i>	<i>Percent</i>	<i>Exposure Limits</i>
Isopropanol	67-63-0	66%	400 ppm
Graphite	7782-42-5	15%	15 mppcf
n-Butyl Alcohol	71-36-3	5%	100 ppm
Hexylene Glycol	107-41-5	5%	25 ppm
Propylene Glycol Methyl Ether	107-98-2	5%	100 ppm

## PHYSICAL AND CHEMICAL DATA

*Boiling Point:* Not Available

*Melting Point:* Not Available

*Specific Gravity:* 0.89

*Vapor Pressure:* 31.00

*Evaporation Rate:* Not Available

*Vapor Density:* Not Available

*Percent VOC:* 80%

*Appearance and Odor:* Thixotropic black fluid. Sharp odor.

## FIRE AND EXPLOSION DATA

*Flash Point:* 52° F

*Method Used:* Tag closed cup

*Explosive Limits:* Not Available

*Extinguishing Media:* Foam, carbon dioxide, dry chemical

*Special Fire Fighting Procedures:* Wear self-contained breathing apparatus.

*Unusual Fire and Explosion Hazards:* Keep away from sparks, open flames or other sources of ignition.

## HEALTH HAZARD DATA

*Primary Routes of Entry:* Inhalation, eye and skin contact

*Inhalation:* May cause nasal and respiratory irritation, dizziness, nausea and headache

*Ingestion:* May cause gastrointestinal irritation, nausea, vomiting and diarrhea

*Eye:* May cause severe irritation, burning sensation, blurred vision

*Skin:* May cause irritation and dermatitis

**EMERGENCY AND FIRST AID**

*Inhalation:* Remove patient to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration and seek medical attention immediately.

*Ingestion:* Keep patient calm and seek medical attention immediately.

*Eye:* Flush eyes with water, lifting upper and lower lids occasionally. Seek medical attention immediately.

*Skin:* Wash with soap and water.

**REACTIVITY DATA**

*Stability:* Stable.

*Hazardous Polymerization:* Will not occur.

*Materials to Avoid:* Strong oxidizers.

*Hazardous Decomposition Products:* Combustion will release oxides of carbon.

**SPILL, DISPOSAL AND STORAGE INFORMATION**

*In Case of Leak/Spill/Release:* Remove all sources of ignition and ventilate area. Apply absorbent material and transfer to containers.

*Disposal:* Consult with federal, state and local waste regulations.

*Storage:* Store in a cool dry place, preferably in a cabinet approved for storage of flammable liquids.

**PROTECTIVE EQUIPMENT AND CONTROL MEASURES**

*Ventilation:* Provide sufficient local exhaust ventilation to maintain exposure below TLV.

*Eye:* Chemical splash goggles.

*Gloves:* Solvent resistant gloves (e.g. neoprene)

*Respirator:* If TLV is exceeded, wear respirator with OSHA/MSHA-approved cartridge for organic vapor.

**SECTION 313 SUPPLIER NOTIFICATION**

Not required.

\*\*\*\*\*

*The information is believed to be correct and is the most accurate information available to us at this time. However, Ladd Research makes no warranty, express or implied, and assumes no liability for this information and the product described herein.*