

MATERIAL SAFETY DATA SHEET

Product Name: Electrodag 6050
Catalog Number: 60814, 608145G
DOT Hazard Class: 3 (Flammable Liquid)
DOT Proper Shipping Name: Paint
UN/NA ID No.: UN1263
MSDS Prepared: 9/2011

Distributed By: Ladd Research
83 Holly Court
Williston, VT 05495
(802) 658-4961

HAZARDOUS COMPONENTS

	<i>CAS Number</i>	<i>Percent</i>	<i>Exposure Limits</i>
n-Butyl alcohol	71-36-3	1-5	20ppm ACGIH TLV
Propylene glycol methyl ether	107-98-2	10-30	100ppm ACGIH TLV
Methyl ethyl ketone	78-93-3	10-30	200ppm ACGIH TLV
Acrylic acid, polymer	9003-01-4	1-5	None established
Proprietary acrylic resin	NA	5-10	None established
Copper	7440-50-8	10-30	1mg/m ³ ACGIH TLV
Silver	7440-22-4	1-5	0.1 mg/ m ³ ACGIH TLV
n-Propyl acetate	109-60-4	3-7	200ppm ACGIH TLV
Propylene glycol methyl ether acetate	108-65-6	1-5	100ppm ACGIH TLV
Acetone	67-64-1	3-7	750ppm ACGIH TLV

PHYSICAL AND CHEMICAL DATA

Vapor pressure: 45.18mm Hg @ 20°C

Specific Gravity: 1.04

Solubility in Water: Insoluble

Boiling Point: 57°C

VOC: 725 g/l

Appearance: Copper colored liquid

FIRE AND EXPLOSION HAZARD DATA

Flashpoint: 24°F (Pensky-Martens closed cup)

Flammable Limits: Not available

General Hazard: Highly flammable. May ignite by heat, sparks or flames. Vapors may form explosive mixtures with air.

Fire: Components of this product have low flash points. Use of water spray may be inefficient. Alcohol-resistant foam may be more effective. Use dry chemical, CO₂ or regular foam.

Hazardous Combustion Products: Oxides of carbon, copper and silver

HEALTH HAZARD DATA

Ingestion: Harmful if swallowed.
Eye contact: Causes severe irritation.
Skin contact: Moderate skin irritation.
Inhalation: Vapors and mists irritate eyes, nose and throat.

EMERGENCY AND FIRST AID

Ingestion: Do not induce vomiting. Obtain medical assistance.
Skin: Flush immediately with plenty water. Followed by washing with soap and water.
Eye: Flush eyes immediately with plenty water for at least 15 minutes. Obtain medical assistance.
Inhalation: Remove patient to fresh air. Apply supportive measures as required. Obtain medical assistance.

REACTIVITY DATA

This product is stable and hazardous polymerization will not occur.
Incompatible material: Strong oxidizers.

SPILL, DISPOSAL AND STORAGE INFORMATION

Spill: Eliminate all ignition sources. A vapor suppressing foam may be used. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers with non-sparking tools.
Disposal: The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations.
Storage: Store at ambient temperature at atmospheric pressure. Store in a well ventilated place away from incompatible materials.

PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Engineering Controls: Provide sufficient mechanical ventilation to maintain exposure below TLV's.
Eye: Vapor tight chemical splash goggles should be worn.
Skin: Wear an impermeable apron and gloves.

SECTION 313 SUPPLIER NOTIFICATION

This product contains the following chemicals listed in Section 313 of SARA Title III.
n-Butyl alcohol
Methyl ethyl ketone
Copper
Silver

The information presented 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.