

MATERIAL SAFETY DATA SHEET

Product Name: Electrodag 550
Catalog Number: 60845, 60845HG
DOT Hazard Class: Flammable Liquid
DOT Proper Shipping Name: Paint
UN/NA ID No. : UN1263
MSDS Prepared: 9/2009

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

Manufacturer: Acheson Colloids Company
1600 Washington Ave.
Port Huron, MI 48060

INGREDIENTS

	<i>CAS Number</i>	<i>Percent</i>	<i>Exposure Limits</i>
Acrylic acid, polymer	9003-01-4	3-7	None Estab.
Proprietary polymer, Non Hazardous	NA	3-7	None Estab.
n-Propyl acetate	109-60-4	10-30	200ppm OSHA PEL
n-Butyl acetate	123-86-4	5-10	150ppm OSHA PEL
n-Amyl acetate	628-63-7	1-5	100ppm OSHA PEL
Proprietary Non-OSHA Haz.	NA	1-5	None Estab.
Ethanol	64-17-5	1-5	1000ppm OSHA PEL
Nickel	7440-02-0	30-60	1mg/m ³ OSHA PEL
Ethyl benzene	100-41-4	0.1-1	100ppm OSHA PEL
Amorphous silica	112945-52-5	1-5	10mg/m ³ OSHA PEL

PHYSICAL AND CHEMICAL DATA

Vapor Pressure: 21.20mm Hg at 20°C

Specific Gravity: 1.62

Evaporation Rate: >Butyl acetate

Solubility in Water: Insoluble

Boiling Point: 215°F

VOC: 656 g/l

Viscosity: 5500-9600 centipoise

Reduced VOC: 752 g/l

FIRE AND EXPLOSION HAZARD DATA

Flashpoint: 45°F (Pensky-Martens Closed Cup)

General Hazard: Easily ignited by heat, sparks or flames.

Fire Fighting Measures: Water spray may be inefficient. Alcohol-resistant foam is indicated.

Hazardous Combustion of Decomposition Products: Oxides of carbon and oxides of nickel.

HEALTH HAZARD DATA

Ingestion: Dried film of this product may be harmful if chewed or swallowed. Ingestion may cause CNS and gastrointestinal effects.

Eye: Causes severe eye irritation.

Skin: Prolonged or repeated exposure causes severe skin irritation.

Inhalation: Vapors and mists may irritate eyes, nose and throat.

EMERGENCY AND FIRST AID

Ingestion: Wash out mouth with water provided person is conscious. Obtain medical assistance.

Do not induce vomiting.

Skin: Flush with water for 15 minutes and remove contaminated clothing. Consult a physician if irritation occurs.

Eye: Flush eyes immediately with plenty water for at least 15 minutes. Obtain immediate medical attention.

Inhalation: Remove patient to fresh air. Apply rescue breathing or other supportive measures as necessary. Obtain medical assistance.

REACTIVITY DATA

General: This product is stable and hazardous polymerization will not occur.

Incompatible Material and Conditions to Avoid: Strong oxidizers.

SPILL, DISPOSAL AND STORAGE INFORMATION

Spill: Eliminate all ignition sources. Absorb or cover with dry earth, sand or other non-combustible material. Transfer to container with non-sparking tools.

Disposal: Dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations.

Storage: Store at ambient temperature, preferably <90°F. Protect material from direct sunlight.

PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Engineering Controls: Sufficient mechanical ventilation to maintain exposure below TLV(s).

Eye: Vapor tight chemical splash goggles recommended.

Skin: Impermeable apron and gloves. Neoprene or nitrile recommended.

SECTION 313 SUPPLIER NOTIFICATION

This product contains the following chemicals listed in Section 313 of SARA Title III:

Nickel CAS [7440-02-0]

Ethyl Benzene CAS [100-41-4]

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.