

SDS - ESD Acrylic



Material Identification

CAS Number: Mixture

RTECS Number: None

Common Name: Electro Static Dissipating Coating.

National Paint & Coatings Association HMIS Codes

(0 - None 1 - Insignificant 2 - Slight 3 - Moderate 4 - Extreme)

Health: 2

Fire: 3

Reactivity: 0

Personal: 0

Ingredients and Exposure Limits

Chemical Name	CAS #	%(Wt)	TVL (ACGIH)	PEL(OSHA)
Conductive Metal Powder	None 67-63-0	20	None	None
2-Propanal	78-93-3	30	500ppm	500ppm
Methyl ethyl ketone		59.61	None	None

Fire and Explosion Data

Flash Point: 25 °F

Auto Ignition Temperature: 961 °F

Flammable Limits (5 Vol. in air): LEL = 2.5

UEL = 10.7 @ 82 °F

Extinguishing Media: Foam, carbon dioxide, or dry chemical

Hazardous Combustion Products: Carbon Mono/Dioxide nitrous oxides

Fire and Explosion Hazards: Keep away from heat and flames. Will not explode upon mechanical impact

Health Hazards

Toxicological Data: LD₅₀(oral, rat) = > 10800 mg/kg (product)

Skin irritation (rabbit): Slight irritant (product)

Eye irritation (rabbit): Non-irritant (product)

Carcinogenicity, reproductive toxicity, mutagenicity and sensitization of the product: Not Available

Exposure Limits: Refer to Hazardous Ingredients Section

Effects of Exposure:

Acute:	Inhalation:	None expected
	Eye:	Repeated or prolonged eye contact may cause irritation.
	Skin:	Repeated or prolonged skin contact may cause irritation.
	Ingestion:	Repeated ingestion may irritate the digestive tract.

Chronic: No chronic health effects

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Medical Conditions Aggravated by Exposure: May be aggravating to some skin conditions.

Routes of Entry: Eye: Possible
 Skin: Contact - possible Absorption: not expected
 Ingestion: Not likely

First Aid Procedures

Inhalation: Remove to fresh air. Administer artificial respiration if necessary. Get medical aid as soon as possible.
Eye: Immediately flush with plenty of water for at least 15 minutes. Get medical aid.
Skin: Remove contaminated clothing. Wash thoroughly with soap and water.
Ingestion: Do not induce vomiting. Dilute with 1-2 glasses of water. Get medical aid.
 Never give anything by mouth to an unconscious person.

Preventive Measures

Personal and Special Protection Information:

Respiratory: For airborne concentrations up to 100 times the TWA/TLV' wear a MSHA/NIOSH approved (or equivalent) full-face piece airline respirator in the positive pressure mode with emergency escape provisions.

Ventilation: Local exhaust recommended.

Eye Protection: Safety glasses recommended.

Gloves: Neoprene rubber recommended.

Other Equipment: Clean long legged, long sleeved work clothes.

Work Practices: Use in accordance with good industrial hygiene and safety practices.

Spill or Leak Procedures:

Eliminate all sources of ignition. Wear protective equipment: safety glasses and an appropriate respirator if in a confined area. Stop leak. Dike and contain spill. Pump into salvage tanks and/or absorb with suitable material.

Waste Disposal:

U.S.A.: Dispose of in accordance with applicable local, state and federal regulations.

Canada: Dispose of in accordance with applicable municipal, provincial and federal regulations.

Storage and Handling Precautions:

Avoid contact with skin and eyes.

Handle as an industrial chemical. Keep container tightly closed when not in use. Keep away from strong oxidizing materials.