

# MATERIAL SAFETY DATA SHEET

## EPOXYCOAT FAST DRY (PART-A)

### SECTION 1: PRODUCT IDENTIFICATION AND USE

PRODUCT NAME:	<b>Epoxycoat Fast Dry</b> - Two Component 100% Solids Epoxy Coatings (PART-A) Date Prepared: January 1 <sup>st</sup> , 2010
PRODUCT USE:	High gloss commercial and industrial floor coatings
MANUFACTURER:	Brodi Specialty Products Ltd. 3175 14 <sup>th</sup> Avenue Unit 1, Markham, ON L3R 0H1
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### SECTION 2: HAZARDOUS INGREDIENTS

HARDOUS INGREDIENTS	CAS #	LD 50 (species & route)	LC50 (species & route)
Bisphenola-A	25068-38-6	Not available	Not available
O-Cresol Glycidal Ether	2210-79-9	Approx 2.50g/kg (rat, oral)	Not available
Epichlorohydrin	106-89-8	Not available	Not available
Ethyl acrylate & 2-Ethylexyl	26376-86-3	Not available	Not available
Acrylate copolymer			
Nepheline syenite	37244-96-5	Not available	Not available
Magnesium Aluminum silicate	8031-18-3	Not available	Not available

### SECTION 3: PHYSICAL DATA

PHYSICAL STATE:	Thick liquid	ODOR & APPEARANCE:	Mild epoxy, opaque
ODOR THRESHOLD:	Not established	SPECIFIC GRAVITY:	1.46
VAPOR PRESSURE (mmhg):	> 1.0	VAPOR DENSITY:	Not established
EVAPORATION RATE:	Not established	BOILING POINT:	Not established
FREEZING POINT:	Not established	PH:	Not established
DENSITY:	1.46 kg/litter	COEFFICIENT OF H2O/OIL:	Not applicable

### SECTION 4: FIRE AND EXPLOSION HAZARD

FLAMMABILITY:	Non flammable
FLASH POINT:	> 200 °F
MEANS OF EXTINGUISHMENT:	Foam, CO <sub>2</sub> , dry chemical
UPPER EXPLOSION LIMIT:	Not available
LOWER EXPLOSION LIMIT:	Not available
AUTO-IGNITION TEMPERATURE:	Not available
TDG CLASSIFICATION:	Not regulated
HAZARDOUS COMB. PRODUCTS:	CO, CO <sub>2</sub>
EXPLOSION DATA:	
Sensitivity to Mechanical Impact:	Not sensitive
Sensitivity to Static Discharge:	Not sensitive

### SECTION 5: REACTIVITY DATA

CHEMICAL STABILITY:	Stable
INCOMPATIBILITY TO OTHER SUBSTANCES:	Base materials
CONDITIONS OF REACTIVITY:	Excessive heat, contamination with strong acids, bases, amines
HAZARDOUS DECOMPOSITION PRODUCTS:	Mercaptans can cause polymerization CO, CO <sub>2</sub>

### SECTION 6: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:	Skin contact, eye contact, inhalation, ingestion
EFFECTS OF ACUTE EXPOSURE:	
Skin:	May cause reddening and swelling and/or sensitization. May cause allergic skin reaction in certain individuals
Eyes:	May cause eye injury which may persist for several days
Inhalation:	No specific information available
Ingestion:	Slightly toxic, SEE LD50
EFFECTS OF CHRONIC EXPOSURE:	Epichlorohydrine has been reported to produce cancer in laboratory animals and Epidemiological studies present 'weak' evidence of cancer risk to humans. Epichlorohydrine is listed in the IARC monographs and by NTP
EXPOSURE LIMIT(S):	Not established
IRRITANCY OF PRODUCT:	See above
SENSITIZATION:	May cause skin sensitization
CARCINOGENICITY, REPRODUCTIVE, TERATOGENICITY, MUTAGENICITY:	Specific information is not available, but may be mutagenic, carcinogenic
SYNERGISTIC PRODUCTS:	None known

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### SECTION 7: PREVENTATIVE MEASURES

GLOVES:	Impervious (neoprene)
RESPIRATORY:	General dilution ventilation
EYES:	Chemical splash goggles
OTHER:	Impervious body covering
ENGINEERING CONTROLS:	General dilution ventilation
LEAK / SPILL:	Scrape up and containerize, clean residue with warm, soapy water
WASTE DISPOSAL:	In accordance with all regulations
HANDLING:	Avoid contact with eyes, skin, clothing and avoid prolonged breathing of vapors
STORAGE:	Keep lid closed, store at 50 - 80 °F
SPECIAL SHIPPING INSTR.:	None required

### SECTION 8: FIRST AID MEASURES

EYES:	Flush with water for 15 minutes, consult a physician
SKIN:	Wash with soap and warm water. If irritation occurs, consult a physician
INHALATION:	If affected, remove to fresh air and consult a physician
INGESTION:	Consult a physician