

# MATERIAL SAFETY DATA SHEET

## EPOXYCOAT REGULAR DRY (PART-B)

### SECTION 1: PRODUCT IDENTIFICATION AND USE

PRODUCT NAME:	<b>Epoxycoat Regular Dry - Two Component 100% Solids Epoxy Coatings (PART-B)</b>	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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PREPARED BY:	MSDS Co-ordinator, (877) 744-0751 ext 205, Brodi Specialty Products Ltd	

### SECTION 2: HAZARDOUS INGREDIENTS

HARDOUS INGREDIENTS	CAS #	LD 50 (species & route)	Weight/Weight %
Polyoxypropylenediamine	9046-10-0	1660 mg/kg (Rat, Oral)	40-70
TRIS (Dimethylaminomethyl) Phenol	90-72-2	1673 mg/kg (Rat, Oral)	15-40
Nonyl Phenol	25154-52-3	Not available	7-13
Benzyl Alcohol	100-51-6	Not available	5-10

### SECTION 3: PHYSICAL DATA

PHYSICAL STATE:	Liquid	ORDOR & APPEARANCE:	Fishy
ODOR THRESHOLD:	Not established	SPECIFIC GRAVITY:	0.97
VAPOR PRESSURE:	4.81 mmHg at 21 °C	VAPOR DENSITY:	Not established
EVAPORATION RATE:	Not established	BOILING POINT:	Not established
FREEZING POINT:	Not established	PH:	Alkaline
DENSITY:	0.97 kg/litter	COEFFICIENT OF H2O/OIL:	Not applicable

### SECTION 4: FIRE AND EXPLOSION HAZARD

FLAMMABILITY:	Non flammable
FLASH POINT:	> 225°F
MEANS OF EXTINCTION:	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> , NO <sub>x</sub>
EXPLOSION DATA:	
Sensitivity to Mechanical Impact:	Not sensitive
Sensitivity to Static Discharge:	Not sensitive

### SECTION 5: REACTIVITY DATA

CHEMICAL STABILITY:	Stable
IMCOMPATIBILITY TO OTHER SUBSTANCES:	Base materials
CONDITIONS OF REACTIVITY:	Excessive heat, contamination with strong acids, bases, amines Mercaptans can cause polymerization
HAZARDOUS DECOMPOSITION PRODUCTS:	CO, CO <sub>2</sub> , NO <sub>x</sub>

### SECTION 6: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:	Skin contact, eye contact, inhalation, ingestion
EFFECTS OF ACUTE EXPOSURE:	
Skin:	May cause burns
Eyes:	May cause burns, high concentration of vapors can cause severe irritation
Inhalation:	High concentration of vapors can cause severe irritation of respiratory tract
Ingestion:	Liquid causes damage to mucous membranes if swallowed
EFFECTS OF CHRONIC EXPOSURE:	Prolonged or repeated exposure may cause asthma and skin sensitization or other allergic responses
EXPOSURE LIMIT (S):	Not established
IRRITANCY OF PRODUCT:	Eyes, skin, respiratory tract
SENSITIZATION:	May cause skin sensitization
CARCINOGENICITY, REPRODUCTIVE, TERATOGENICITY, MUTAGENICITY:	None known
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

### SECTION 9: WHMIS INFORMATION

Health - 2    Flammability - 1    Reactivity - 0