

MATERIAL SAFETY DATA SHEET

EPOXYPATCH (PART-A)

SECTION 1: PRODUCT IDENTIFICATION AND USE

PRODUCT NAME:	Epoxy patch - Two Component 100% Solids Epoxy Coatings (PART-A)	Date Prepared: January 1 st , 2009
PRODUCT USE:	High gloss commercial and industrial floor coatings	
MANUFACTURER:	Brodi Specialty Products Ltd.	
	250 Cochrane Drive, Unit 9, Markham, ON, L3R 8E5	
INFORMATION PHONE:	1-(877) 744-0751	
EMERGENCY PHONE:	(905) 305-8551	
PREPARED BY:	MSDS Co-ordinator, (877) 744-0751 ext 205, Brodi Specialty Products Ltd	

SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	LD 50 (species & route)	Weight/Weight %
Bisphenol-A	25068-38-6	Not available	60-100
O-Cresol Glycidylether	2210-79-9	Approx 2.50g/kg (rat, oral)	15-40
2-Ethylhexyl acrylate	26376-86-3	Not available	0.1-1.0
Acrylate copolymer			1-5
Nepheline syenite	37244-96-5	Not available	5-10
Magnesium Aluminum silicate	8031-18-3	Not available	1-5

SECTION 3: PHYSICAL DATA

PHYSICAL STATE:	Thick liquid	ODOR & APPEARANCE:	Mild epoxy, opaque
ODOR THRESHOLD:	Not established	SPECIFIC GRAVITY:	1.46
VAPOR PRESSURE: EVAPORATION RATE:	<0.13 KPa at 20°C(68°F)	VAPOR DENSITY:	Not established
FREEZING POINT:	Not established	BOILING POINT:	Not established
DENSITY:	1.46 kg/litter	PH:	Not established
		COEFFICIENT OF H2O/OIL:	Not applicable

SECTION 4: FIRE AND EXPLOSION HAZARD

FLAMMABILITY:	Non flammable
FLASH POINT:	> 200°F
MEANS OF EXTINCTION:	Foam, CO ₂ , 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 ₂
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 ₂

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:	Recent 2 years bioassays in rats and mice exposed by the dermal route to the diglycidyl ether of bisphenol A yielded no evidence of carcinogenicity to the skin or any other organs
	Not established
EXPOSURE LIMIT(S):	See above
IRRITANCY OF PRODUCT:	May cause skin sensitization
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

SECTION 9: WHMIS INFORMATION

Health-2 Flammability-1 Reactivity-0