

## MATERIAL SAFETY DATA SHEET

Technical Barrier Systems  
 151 Randall Street  
 Oakville, Ontario, Canada, L6J 1P5  
 (905) 842-9488

PRODUCT : EMBE Novalac Resin



## SECTION 01 : PRODUCT INFORMATION

Supplier	Technical Barrier Systems Inc.
Product Identifier	EMBE Novalac
TradeName	EMBE Novalac Resin
Prepared by	R, K. Seaman
Preparation Date	4-Feb-03
Revision #	
CEPA Status	All ingredients are listed on the designated substance list (DSL)
Chemical Family	Epoxy resin solution
Chemical Formula	
Chemical Name	Epoxy resin solution
Material Use	Floor coating
Molecular Weight	
T.D.G. Classification	Not regulated
WHMIS Classification	

## SECTION 02 : HAZARDOUS INGREDIENTS

## HAZARDOUS INGREDIENTS, %, EXPOSURE LEVELS, C.A.S.#, LD/50, ROUTE, SPECIES, LC/50, ROUTE, SPECIES

Phenol Novalac Type	100%	105478-35-1	N/A	N/A
Epoxy Resin				

## SECTION 03 : PHYSICAL DATA

PHYSICAL STATE	Liquid
ODOUR/APPEARANCE	Transparent clear liquid
ODOUR THRESHOLD	N/A
VAPOUR PRESSURE	N/A
VAPOUR DENSITY (AIR=1)	
% VOLATILE:	
BY VOLUME	N/A
BY WEIGHT	N/A
EVAPORATION RATE	N/A
BOILING POINT	N/A
FREEZING POINT	N/A
pH	Alkaline
SPECIFIC GRAVITY	1.16 - 1.18
SOLUBILITY IN WATER (20C)	Insoluble
COEFFICIENT WATER/OIL DIST.	

## SECTION 04 : FIRE &amp; EXPLOSION DATA

FLAMMABILITY	No
IF YES, UNDER WHAT CONDITIONS	
MEANS OF EXTINCTION	Carbon Dioxide, Dry chemical foam
SPECIAL PROCEDURES	Wear self contained breathing apparatus. DO NOT breath fumes
FLASHPOINT AND METHOD	150 C closed cup
AUTO IGNITION TEMPERATURE	
T.D.G.FLAMMABILITY CLASS	Not regulated
UPPER EXPLOSION LIMIT	N/A
LOWER EXPLOSION LIMIT	N/A
HAZARDOUS COMBUSTION PRODUCTS	Oxides of carbon
EXPLOSION DATA	
SENSITIVITY TO STATIC DISCHARGE	
SENSITIVITY TO IMPACT	



RATE OF BURNING

EXPLOSIVE POWER

## SECTION 05 : REACTIVITY DATA

## CHEMICAL STABILITY

STABLE? Yes  
 CONDITIONS TO AVOID Excess curing agent

## COMPATIBILITY W/OTHER SUBSTANCES

YES

INCOMPATIBLE MATERIALS Strong acids, strong bases, strong oxidizing agents.

REACTIVITY Hazardous blymenization can occur

UNDER WHAT CIRCUMSTANCES

HAZARDOUS PRODUCTS OF Oxides of carbon (CO, CO2)

DECOMPOSITION

## SECTION 06 : TOXICOLOGICAL PROPERTIES

## ROUTE OF ENTRY

SKIN CONTACT May cause skin irritation

SKIN ABSORPTION None known

EYE CONTACT Causes eye cirritation

INHALATION, ACUTE N/A

INHALATION, CHRONIC N/A

INGESTION Low toxicity

## EFFECTS OF ACUTE EXPOSURE

## EFFECTS OF CHRONIC EXPOSURE

LD 50 OF MATERIAL, SPECIES &amp; ROUTE

LC 50 OF MATERIAL, SPECIES &amp; ROUTE

EXPOSURE LIMIT OF MATERIAL

IRRITATION CAUSED BY MATERIAL

## SENSITIZING CAPABILITY OF MATERIAL

CARCINOGENICITY OF MATERIAL Not listed as carcinogen by NTP OSHA

## REPRODUCTIVE EFFECTS

## SYNERGISTIC MATERIALS

## SECTION 07 : PREVENTIVE MATERIALS

## PROTECTIVE EQUIPMENT

GLOVES/TYPE Impervious

RESPIRATORY/TYPE NIOSH mask

EYE/TYPE Splash proof goggles

FOOTWEAR/TYPE Impervious

CLOTHING/TYPE Protective

OTHER/TYPE

ENGINEERING CONTROLS Adequate local exhaust

SPILL/LEAK SPILL/LEAK

WASTE DISPOSAL, METHOD AND EQUIPMENT Absorb with inert material

HANDLING PROCEDURES AND EQUIPMENT Avoid skin contact

STORAGE NEEDS Store away from heat

## SPECIAL SHIPPING INSTRUCTIONS

## SECTION 08 : FIRST AID MEASURES

EYE CONTACT Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

SKIN CONTACT Remove contaminated clothing.

INGESTION Not normally need, if large amounts ingested, seek medical advise.

INHALATION

NOTES TO PHYSICIAN

## SECTION 09 : PREPARATION INFORAMTION

PRODUCT :

EMBE Novalac Resin



PHONE #

888-537-2888