



## SECTION I: PRODUCT INFORMATION

PRODUCT: **SikaPower®-468 G**

REVISION DATE: November 4, 2014

USAGE:

SUPPLIER: SIKA CANADA INC.  
601, avenue Delmar  
Pointe Claire, QC  
H9R 4A9**EMERGENCY TELEPHONE NUMBER: CANUTEC (collect) (613) 996-6666****FOR ROAD:**TDG CLASSIFICATION: Not Regulated  
UN NUMBER: Not Established  
Packaging Group: Not ApplicableWHMIS Classification: D2A, D2B, E  
Class: Not Applicable**FOR IATA / IMDG:**

Proper Shipping Name: Environmentally hazardous substance, Solid, NOS (Epoxy Resin &amp; P-TERT-BUTYLPHENYL GLYCIDYL ETHER)

TDG Class : 9 UN NUMBER: 3077  
Packaging Group: III

## SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD <sub>50</sub> (mg/kg) (Species, route)	LC <sub>50</sub> (Species, route)
EPOXY RESIN	30-60	Not Available	25068-38-6	> 5000 (oral, rat)	Not Available
CALCIUM OXIDE	1-5	ACGIH 2 mg/m <sup>3</sup> TWA	1305-78-8	Not Available	Not Available
CARBON BLACK	1-5	ACGIH 3.5 mg/m <sup>3</sup> TWA	1333-86-4	> 8000 (oral, rat)	Not Available

## SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Paste  
Appearance and Odor: Black paste, odorless  
Odor Threshold: Not Established  
Evaporation Rate: Not Applicable  
Vapor Density: Not Established  
Vapor Pressure: Not EstablishedBoiling Point: Not Established  
Freezing Point: Not Established  
Density: ~1.48 g/m<sup>3</sup> @ 20°C  
Water Solubility: Not Established  
pH: Not Established  
% volatility: Not Applicable  
Water/Oil Distribution: Not Established



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SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability: If Yes, under what conditions:	No	TDG Flammability Class:	Not Regulated
Extinguishing methods:	Foam, dry chemical products, CO <sub>2</sub> , water hose.	Flammable upper limits (% vol.):	Not Applicable
Special Methods:	Fire fighters must wear usual protective clothing and respiratory equipment. A water hose may be used to cool the containers and dissipate the vapors.	Flammable lower limits (% vol.):	Not Applicable
		Flash Point (method used):	> 150°C
		Auto-ignition temperature:	Not Established
		Dangerous Combustion Products:	Carbon oxides, nitrogen oxides.
		Protect from mechanical impact:	No
		Protect from static discharge:	No

SECTION V: REACTIVITY

Chemical stability: If not, under what conditions:	Yes But excessive heat will degrade the resin.	Dangerous decomposition products:	Carbon oxides, nitrogen oxides.
Incompatibility with other material: If Yes, which ones:	Yes Strong acid, base, and oxidizer.	Polymerization Risks:	No.



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SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eye irritations. May cause serious eye damage.

Skin: May be irritating to the skin, may cause sensitization by skin contact and allergic skin reaction

Inhalation: Exposure to the decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Ingestion: Harmful if swallowed.

Carcinogenicity: According to IARC the Carbon black is a possible cause of cancer (Group 2B).

Toxic effects on reproduction: Not Established

Teratogenicity: Not Established

Mutagenicity: Not Established

Product with synergistic effects: Not Established

An acute or chronic exposure will increase the toxic effects mentioned in this section and may aggravate respiratory problems.



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SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Chemical resistant gloves.

Respiratory equipment: NIOSH approved mask with organic vapor cartridge if the ventilation is deficient.

Eyes: Safety glasses

Shoes: Ordinary

Clothing: Rubber Apron

Other: No

OTHERS

Ventilation: Sufficient ventilation required.

Procedure in case of leaks: Absorb with sand or other absorbent material. Residue may be removed with steam or hot water and soap. All precautions should be taken when cleaning the spill with solvent.

Handling and Equipment methods: Avoid skin, eye and clothing contact

Warehouse Requirements: Keep all containers closed in a cool, dry area. Keep away from heat and open flame.

Special Shipping Instructions: See TDG class

Waste Disposal: Dispose of sand and rinse water according to municipal, provincial or federal laws for disposal of chemicals.



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## SECTION VIII: FIRST AID

Skin: Remove and clean all contaminated clothing.  
Wash immediately with plenty of soap and water.  
Consult a physician if required.

Eyes: Rinse with water for at least 15 minutes.  
Consult a physician immediately.

Inhalation: In the case of overexposure, evacuate to fresh air.  
Consult a physician if required.

Ingestion: Drink plenty of water. Do not induce vomiting.  
Do not give anything by mouth to an unconscious person.  
See a physician immediately.

## SECTION IX: PREPARATION INFORMATION

Prepared By: R & D of Sika Canada Inc.  
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