

MATERIAL SAFETY DATASHEET:

INSUCOAT WB

As per the directives issued by the "European Community Commission and Board" regarding "the classification and discipline of the packaging and labeling of harmful in the implementation" the product is not subject to the obligatory issue of a safety data sheet because it is a manufactured item and as such is not included in the range of application of the law which regards only harmful preparations. The information below is provided in order to permit correct use, utilizing the product.

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	INSUCOAT WB
Intended use of material or product	Tough barrier to water vapor transmission
Manufacturer	International Company for Insulation Technology—INSUTECH
Address	A6 East 31-32, 10th of Ramadan City, Egypt P.O Box 1648, Zip Code 44629, Egypt
Telephone	+20 15 411 972
Health and Technical Consultation Call	+20 22 322 8200 (Ext. 1420 / 1336)

2. COMPOSITION AND INFORMATION ON INGREDIENTS

Common Name	Chemical Name
Asphalt	Bitumen/ Cas No. 64742-93-4
Water	Water/ Cas No. 7732-18-5
Fillers	Bentonite
Fungicide	Fungicide
Caustic Potash	Potassium Hydroxide
Hazardous ingredients	Contain hazardous ingredients in very small quantities

3. HAZARDS IDENTIFICATION

Inhalation	Irritation of upper respiratory tract, coughing and congestion may occur
Skin	Long term skin contact may cause health problems
Absorption	N.A.
Ingestion	If ingested, irritation of the gastrointestinal tract may occur
Medical conditions	N.A.

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4. FIRST AID MEASURES

Eye contact	Wash eyes with copious amount of water for several minutes. If irritation persists, seek medical attention.
Skin contact	Remove contaminated clothes immediately. Wash affected area with soap & plenty of water. If irritation occurs, obtain medical attention.
Inhalation	Remove affected person to fresh air. If symptoms persist, obtain medical attention.
Ingestion	If swallowed wash out mouth. Do not induce vomiting. Obtain medical attention immediately.

5. IN EVENT OF FIRE

Fight Fire With	DCP / FOAM / CO ₂ (small fire)
	Plenty of water (large fire)
Emits	It emits toxic / CO / Sulphur di-oxide fumes
Further information	Use Protective equipment like Wear self-contained breathing apparatus (SCBA) and full firefighting protective gear while fighting fire

6. ACCIDENTAL RELEASE MEASURES

After Spillage/Leakage	Absorb with suitable material like sand, earth. Seal in plastic bag and bury in landfill. Flush contaminated area with plenty of water
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7. HANDLING AND STORAGE

Storage	Store in shaded areas and away from direct sunlight. Protect from extremes of temperature. Keep containers tightly closed and dry. Containers should be regularly rolled. If stored for long periods, not be used in contact with drinking water
Protection against fire and explosion	No special precautions necessary

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: MAK (DFG, 1997)	
Respiratory protection	Use Ori-nasal respirator if product required in confined spaces
Eye protection	Safety goggles
Skin protection	Impervious gloves
Industrial Hygiene	Wash hands before breaks and after finishing work. Do not eat, drink or smoke at workplace

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9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical	Bituminous Emulsion.
Form	Liquid
Color	Dark Brown
Odor	Characteristic
Boiling Point, 0C	N.A.
Melting point, 0C	N.A.
Flash point, 0C	Non-Flammable
VOC (%)	< 10 mg / lt
Auto-flammability, 0C	N.A.
Explosive Properties (%)	N.A.
Specific Gravity at 25 0C	1.01
PH value	Approx. 9-11
Vapor Pressure, KPa at 20 0C	2.3 (water)
Solubility in water	Emulsifiable

10. STABILITY AND REACTIVITY

Stability	Stable
Incompatibility	String acids
Hazardous Decomposition	Thermal decomposition: Sulphur compounds including hydrogen supplied

11. TOXICOLOGICAL INFORMATION

The Following toxicological assessment is based on a knowledge of the toxicity of the product's components.

Oral	LD50, rat > 2mg / kg
On Eyes	Irritation
On Skin	Unlikely to irritate on brief or occasional exposure
Inhalation	Low volatility makes inhalator unlikely at ambient temperature
Ingestion	Low order of acute toxicity. May cause irritation of mouth, throat and digestive tract
Chronic Effects	Repeated and prolonged skin contact may lead to skin disorders

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12. ECOLOGICAL INFORMATION

Eco toxicity	Not eco-friendly. Toxic
Persistence & Degradability	Expected not to be readily biodegradable
Bio-accumulative Potential	Non-biodegradable
Acute Toxicity	Moderate
Mobility	Mobile liquid, insoluble in water

13. DISPOSAL CONSIDERATIONS

Disposal	Use licensed waste disposal contractors and consult local authority when disposing of this product
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14. TRANSPORT INFORMATION

Transport	This product is classified as non-hazardous and not regulated as per IATA.
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15. REGULATORY INFORMATION

Labeling	Labeling according to EEC directives concerning preparations- N.A.
Symbol	Non-Flammable
R phrase(s) R36	Irritating to eyes
S phrases(s) S25	Avoid contact with eyes
S phrases(s) S28	Avoid contact with skin, wash immediately with plenty water
S phrases(s) S36 / 37 / 39	Wear suitable protective clothing, gloves and eye/face protection

16. ADDITIONAL INFORMATION

The above data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship

DATE

09/10/2016