



**BITUMAT**  
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**1 Substance / preparation and company identification**

Product : Concrete Primer, Bituprime, Bitufast  
Bitugard, Bitucoat  
Product Code : Various, depending on packing  
([litres] confection)  
Company : BITUMAT CO LTD.  
Telephone : +966 3 8121210  
Telefax : +966 3 8121190  
Information Dept. : R&D  
Emergency Contact : R&D - Tel: 8121148

**2 Composition / information on ingredients**

Chemical Nature: Liquid  
[substance]  
CAS-Reg No : 8052, 42-4, 8032-32-4  
Chemical : Bitumen liquid  
Hydrocarbon Solvents

Further information -

Chemical Nature [preparation] -  
Hazardous ingredients : Bitumen liquid  
Hydrocarbon  
CAS-Reg No : 8052, 42-4, 8032-32-4  
Chemical Name : Mineral spirit  
Content : Lit  
Risk phrases :  
Hazard Symbols : N/A

**3 Possible Hazards**

Material is stable under normal condition. Hazardous polymerization will not occur. Avoid open flame, and other source of ignition and heat.

**4 First-Aid Measures**

General Advice .  
Inhalation : Remove the affected person to fresh air.  
Skin Contact : Wash skin thoroughly with soap and water  
Eye Contact : Flush thoroughly with water, if irritation persists, then seek medical advice  
Ingestion : Do not induce vomiting, give a glass of water, then seek medical advice  
Information for the Doctor : If any condition persists or occurs later consult a Physician and have MSDS

**5 Fire Fighting Measures**

Suitable Extinguishing Media : Dry Chemical or Co2 Extinguisher or as for flammable liquid  
Unsuitable Extinguishing media :  
Exposure Hazards : Cleavage product may occur in case of liquid  
Protective Equipment for Fire Fighters - : Wear goggles, self contained breathing  
Further Information : Apparatus and full protective clothing

**6 Accidental Release Measures**

Personal Precautions : Wear protective gloves, safety goggles, safety shoes and remove the person to fresh air  
Environmental Precautions : Material to avoid strong oxidising agent.

**MATERIAL SAFETY DATA SHEET  
(PRIMERS + MODIFIED COATING)**

Methods for cleaning up : If spillage clean with any petroleum solvent  
Further information : Hazardous effects are not to be expected under normal condition, Co & Co2 will be formed if the product is ignited.

**7 Handling and Storage**

Handling : Product classified as not dangerous good.  
Protection against fire and explosion :  
Storage : Store away & from heat and flame

**8 Exposure Controls and Personal Protection**

Technical Protective Measure : Use general dilution type, adequate to keep vapour concentrations below the TLV  
Exposure Control Limits : 1 and liquid hydrocarbons 10 ppm  
Personal Protective Measure :  
Respiratory Protection : Use supplied air respirator or self contained breathing apparatus with face piece  
Hand Protection : Use heat resistance gloves suitable for aromatic hydrocarbons.  
Eye Protection : Use eye protection appropriate splash hazard  
Skin Protection : Remove contaminated clothing wash thoroughly with soap and water..  
General Safety & Hygiene Measures : As above.

**9 Physical and Chemical Properties**

Appearance : Liquid  
Colour : Black  
Odour : Characteristic Odour  
Change in Physical State -  
Boiling Point / Boiling Range (°C) : Not required  
Melting Point (°C) : Not applicable  
Freezing Temperature (°C) : Not applicable  
Flash Point (°C) : 38°C  
Ignition Temperature (°C) :  
Autoignition -  
Explosion Hazard : Product not explosive  
Explosion Limits : [Vol %]  
Lower : 1  
Upper : 7



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## Physical and Chemical Properties (cont'd.....)

Vapour Pressure(mbar) : Very low at ambient temperature  
 Density [g/cm<sup>3</sup>] : 195 (25°C)  
 Bulk Density [kg/m<sup>3</sup>] : Not applicable  
 Solubility in Water : Immisible  
 Solubility in other solvents : Petroleum  
 solvents pH-Value : Not applicable  
 Viscosity : 70-3000 cps at 25  
 Additional information :

## 10 Stability and Reactivity

Conditions to avoid : Use in proximity to source of ignition  
 Substances to avoid : Strong oxidizing agent  
 Hazardous decomposition products : In case of fire Co<sub>2</sub>  
 Additional information : Co, Co<sub>2</sub> and hydrocarbon gases are originated.

## 11 Toxicological Information

Acute Toxicity :  
 Specific symptoms in animal experiments :  
 Irritation effects :  
 Sensitization :  
 Subacute to chronic toxicity : Not Established  
 Carcinogenicity, mutagenicity, teratogenicity :  
 Information from practical experience :  
 Additional Information :

## 12 Ecological information

Information about degradability :  
 Environmental effects : Regarding the consistency of the product, no disperse distribution in the environment is possible

## 13 Disposal Consideration

Product : Proof possibility of re-employment  
 Disposal Code No (KSA): Treat as a non hazardous waste, landfill or incinerate in accordance with local, state and federal regulations.  
 Contaminated Packaging :

## 14 Transport Information

Land transport : ADR/RID  
 Class : 3  
 Subclass : 31 (e)  
 Warning sign :  
 Hazard :  
 UN-Nr :  
 Name of material :  
 Remarks :  
 Inland ship transport : ADN/ADNR  
 Class : Not classified  
 Subclass :  
 Category :  
 Name of material :  
 Remarks :

Sea transport : IMDG  
 Class : 3.3  
 UN-Nr : 3382  
 EMS : 3311  
 MFAG :  
 Marine pollutant :  
 Technical name of material :  
 Remarks :

Air transport : ICAO/IATA-DGR  
 Class : 3  
 UN/ID-Nr : 1999  
 Technical name of material :  
 Remarks :  
 Additional information : As dangerous goods transport should be in accordance with all applicable federal state local laws for the transport of dangerous good.

## 15 Regulatory Information

Labelling according to KSA :  
 directives :  
 Symbol and indication of hazards : Hazard  
 Contains : Solvent, it will evaporate  
 Risk phrases 10 Flammable, harmful by  
 20 inhalation, harmful in  
 21 contact with skin, maybe  
 322 harmful if swallowed.  
 Safety phrases 10 - Keep away from source of ignition,  
 No smoking.  
 29 - Do not empty in the drain  
 58 - To be disposed of as hazardous waste

Special labelling : Store in accordance with regulation for a flammable material.  
 National regulation : KSA  
 Further information : Keep container closed when not in use.

## 16 Other Information



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