



## Uniguard Bituguard

### Section 1. Identification

**Product name:** Uniguard Bituguard  
**Product description:** A bituminous emulsion, water base.  
**Product type:** Liquid  
**Other means of identification:** Not available

**Supplier's details:** Universal Paint Technologies,  
P.O.Box 850302, Amman, Jordan.  
Tel: 00962 6 4884454  
Fax: 00962 6 4884458

### Section 2. Hazards identification

**Classification of the substance or mixture:** The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

**GHS label elements**  
**Hazard pictograms:**



**Signal word:** Warning  
**Hazard statements:** H317 – May cause an allergic skin reaction.

**Precautionary statements**

**General:** P102 – Keep out of reach of children.  
**Prevention:** P280 - Wear protective gloves.  
**Response:** P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  
P333 + P313 - If skin irritation or rash occurs: Get medical attention.  
**Storage:** Not applicable.  
**Disposal:** P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.  
**Hazardous ingredients** C(M)IT/MIT (3:1)

### Section 3. Composition/information on ingredients

**Substance/mixture:** Mixture  
**Other means of identification:** Not available.

**CAS number/other identifiers**

**CAS number:** Not applicable.  
**EC number:** Mixture



Ingredient name	%	CAS number
Styrene Acrylic Copolymer	> 10.0 %	25767-47-9
Calcium Carbonate	> 30.0 %	14807-96-6
C(M)IT/MIT (3:1)	< 0.3 %	55965-84-9

## Section 4. First aid measures

### Description of necessary first aid measures

<b>Eye contact:</b>	Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
<b>Inhalation:</b>	Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
<b>Skin contact:</b>	Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
<b>Ingestion:</b>	If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

<b>Eye contact:</b>	Symptoms may include pain, tears, swelling, redness and blurred vision.
<b>Inhalation:</b>	May cause respiratory system irritation.
<b>Skin contact:</b>	Adverse symptoms may include the following: Irritation redness
<b>Ingestion:</b>	May cause nausea, diarrhea and vomiting

#### Over-exposure signs/symptoms

<b>Eye contact:</b>	No known significant effects or critical hazards.
<b>Inhalation:</b>	No known significant effects or critical hazards.
<b>Skin contact:</b>	No known significant effects or critical hazards.
<b>Ingestion:</b>	No known significant effects or critical hazards.

### Indication of immediate medical attention and special treatment needed, if necessary

<b>Notes to physician:</b>	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<b>Specific treatments:</b>	No specific treatment
<b>Protection of first-aiders:</b>	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)



## Section 5. Firefighting measures

### Extinguishing media

**Suitable extinguishing media:** Recommended: CO<sub>2</sub>, powders, water spray.

**Unsuitable extinguishing media:** Do not use water jet.

**Specific hazards arising from the chemical:** Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

**Hazardous thermal decomposition products:** Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

**Special protective actions for fire-fighters:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.

**Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

**For emergency responders:** If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions:** Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and material for containment and cleaning up** Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal. Preferably clean with a detergent. Avoid using solvents.

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures:** Put on appropriate personal protective equipment (see Section 8).



**Advice on general occupational hygiene:**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities:**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from heat and food and drink. Storage temperature min/max. + 5 / + 45 ° C. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep away from sources of ignition. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

**Control parameters**

**Occupational exposure limits**

No exposure limit value known.

**Appropriate engineering controls:**

Use engineering controls to keep airborne concentrations below the expose limits. Locate emergency equipment at well-marked and clearly identified stations in case emergency escape is necessary.

**Environmental exposure controls:**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Individual protection measures**

**Hygiene measures:**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection:**

Safety eyewear complying to EN 166 should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

**Skin protection**

**Hand protection:**

Heat and solvent resistant rubber or plastic gloves close fitting at the wrist and with arm protection.



<b>Body protection:</b>	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
<b>Other skin protection:</b>	Protective clothing comprising of safety shoes or boots, cotton acid resistant overalls, close fitting at neck and wrist.
<b>Respiratory protection:</b>	Avoid excessive inhalation. Wear a fresh air mask

## Section 9. Physical and chemical properties

### Appearance

<b>Physical state:</b>	Liquid.
<b>Colour:</b>	Brown-black
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not applicable.
<b>pH:</b>	Anionic – basic nature.
<b>Melting point:</b>	Not applicable.
<b>Boiling point:</b>	Not available.
<b>Flash point:</b>	Not available.
<b>Evaporation rate:</b>	Not applicable
<b>Flammability (solid, gas):</b>	Not applicable.
<b>Lower and upper explosive (flammable) limits:</b>	Not available.
<b>Vapour pressure:</b>	Not available.
<b>Vapour density:</b>	Not available.
<b>Density:</b>	1.29 g/cm <sup>3</sup>
<b>Solubility:</b>	Soluble in water
<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Not applicable.
<b>Decomposition temperature:</b>	Not available.

## Section 10. Stability and reactivity

<b>Reactivity:</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability:</b>	The product is stable.
<b>Possibility of hazardous reactions:</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid:</b>	No specific data.
<b>Incompatible materials:</b>	No specific data.



**Hazardous decomposition products:**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

Non-toxic under relevant health and safety codes.

## Section 12. Ecological information

Don't release into water supplies or the ground. In cured state the product is not known to cause an adverse environmental effect. Because of the high pH value the product can be injurious to aquatic life.

## Section 13. Disposal considerations

**Disposal methods:**

Waste product should not allow contaminating soil or water. Waste arising from spillage or tank cleaning operations should be disposed of in accordance with prevailing regulations. The competence of the collector or contractor should be established beforehand.

## Section 14. Transport information

Non-hazardous.

## Section 15. Regulatory information

Poisons Schedule (Aust): Not applicable.

## Section 16. Other information

**History**

<b>Date of printing:</b>	20.06.2022
<b>Date of issue/Date of revision:</b>	11.05.2022
<b>Date of previous issue:</b>	NA
<b>Version:</b>	01