

Revision Date 14/05/2015  
 Revision 3  
 Supersedes date 16/04/2015

# INSTARMAC

## SAFETY DATA SHEET Ultra Proflex Spes20G

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name Ultra Proflex Spes20G

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Uses advised against No specific uses advised against are identified.

#### 1.3. Details of the supplier of the safety data sheet

Supplier Instarmac Group plc  
 Danny Morson Way  
 Birch Coppice Business Park  
 Dordon, Tamworth  
 Staffordshire. B78 1SE  
 United Kingdom  
 Tel: +44 (0) 1827 872244  
 Fax: +44 (0) 1827 874466  
 email@instarmac.co.uk www.instarmac.co.uk

#### 1.4. Emergency telephone number

+44(0)1827 254433  
 +44 (0)7971 217 347

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Skin Irrit. 2 - H315; Eye Dam. 1 - H318; Skin Sens. 1 - H317; STOT SE 3 - H335
Environment	Not classified.

Classification (1999/45/EEC)

Xi; R37/38, R41. R43.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

See section 11 for additional information on health hazards.

Environment

The product is not expected to be hazardous to the environment.

#### 2.2. Label elements

Contains PORTLAND CEMENT

Label In Accordance With (EC) No. 1272/2008



Signal Word Danger

Hazard Statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

## Ultra Proflex Spes20G

## Precautionary Statements

P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P501	Dispose of contents/container in accordance with local regulations.

## Supplementary Precautionary Statements

P272	Contaminated work clothing should not be allowed out of the workplace.
P261	Avoid breathing vapour/spray.
P264	Wash contaminated skin thoroughly after handling.
P321	Specific treatment (see medical advice on this label).
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P332+313	If skin irritation occurs: Get medical advice/attention.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P403+233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

CALCIUM FORMATE		1-10%
CAS-No.: 544-17-2		
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Not classified.	Xi;R41.	
PORTLAND CEMENT		30-60%
CAS-No.: 65997-15-1	EC No.:	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Skin Irrit. 2 - H315	Xi;R37/38,R41.	
Eye Dam. 1 - H318	R43.	
Skin Sens. 1 - H317		
STOT SE 3 - H335		
SILICA SAND		30-60%
CAS-No.: 14808-60-7	EC No.: 238-878-4	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Not classified.	Not classified.	

## Ultra Proflex Spes20G

SLAG		10-30%
CAS-No.: 65996-69-2	EC No.:	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xi;R36/38.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information

Remove affected person from source of contamination. Contact physician if discomfort continues.

#### Inhalation

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

#### Ingestion

Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions. Do not give victim anything to drink if he is unconscious.

#### Skin contact

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if any discomfort continues.

#### Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

#### General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

### 5.2. Special hazards arising from the substance or mixture

#### Hazardous combustion products

None under normal conditions.

#### Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

#### Specific hazards

Not known.

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

No specific fire fighting procedure given.

#### Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

## Ultra Proflex Spes20G

GENERAL. For waste disposal, see section 13.

### 6.4. Reference to other sections

For personal protection, see section 8. Collect and dispose of spillage as indicated in section 13. See section 11 for more detailed information on health effects and symptoms.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

No specific usage precautions noted.

### 7.2. Conditions for safe storage, including any incompatibilities

Store at moderate temperatures in dry, well ventilated area.

Storage Class

Unspecified storage.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PORTLAND CEMENT	WEL		10 mg/m <sup>3</sup>			
SILICA SAND	WEL		0.3 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

Ingredient Comments

No exposure limits noted for ingredient(s).

### 8.2. Exposure controls

Protective equipment



Engineering measures

Not relevant

Respiratory equipment

No specific recommendations. Respiratory protection may be required.

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

Wear approved safety goggles.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance

Powder, dust

### 9.2. Other information

Not available.

## SECTION 10: STABILITY AND REACTIVITY

## Ultra Proflex Spes20G

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

No particular stability concerns.

### 10.3. Possibility of hazardous reactions

Not applicable.

Hazardous Polymerisation

Unknown.

### 10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Toxicological information

No information available.

General information

No specific health warnings noted.

Inhalation

No specific health warnings noted.

Ingestion

May irritate and cause stomach pain, vomiting and diarrhoea.

Skin contact

Irritating to skin.

Eye contact

Irritating to eyes.

Health Warnings

This chemical may cause skin/eye irritation.

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

There are no data on the ecotoxicity of this product.

### 12.1. Toxicity

No information available

### 12.2. Persistence and degradability

No information available

Degradability

There are no data on the degradability of this product.

### 12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

## Ultra Proflex Spes20G

### 12.4. Mobility in soil

Mobility:

The product is non-volatile.

### 12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

### 12.6. Other adverse effects

Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

Not applicable.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments

Control of Substances Hazardous to Health.

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations.

National Regulations

Health and Safety at Work Act (As Amended) 1974 Control of Substances Hazardous to Health Regulations 2002 (as amended)

Water hazard classification

N/A.

## Ultra Proflex Spes20G

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION**

## General information

Only trained personnel should use this material.

Issued By HS&E Manager.

Revision Date 14/05/2015

Revision 3

Supersedes date 16/04/2015

Safety Data Sheet Status Approved.

## Risk Phrases In Full

R36/38 Irritating to eyes and skin.

R37/38 Irritating to respiratory system and skin.

R43 May cause sensitisation by skin contact.

NC Not classified.

R41 Risk of serious damage to eyes.

## Hazard Statements In Full

H318 Causes serious eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

Revision Date 11/09/2013  
 Revision 3  
 Supersedes date 14/12/2012

# INSTARMAC

## SAFETY DATA SHEET ULTRA PROFLEX SPES20W

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name ULTRA PROFLEX SPES20W

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Uses advised against No specific uses advised against are identified.

#### 1.3. Details of the supplier of the safety data sheet

Supplier Instarmac Group plc  
 Danny Morson Way  
 Birch Coppice Business Park  
 Dordon, Tamworth  
 Staffordshire. B78 1SE  
 United Kingdom  
 Tel: +44 (0) 1827 872244  
 Fax: +44 (0) 1827 874466  
 email@instarmac.co.uk www.instarmac.co.uk

#### 1.4. Emergency telephone number

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Skin Irrit. 2 - H315; Eye Dam. 1 - H318; STOT SE 3 - H335
Environment	Not classified.

##### Classification (1999/45/EEC)

Xi; R37/38, R41.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

##### Human health

See section 11 for additional information on health hazards.

##### Environment

The product is not expected to be hazardous to the environment.

#### 2.2. Label elements

##### Label In Accordance With (EC) No. 1272/2008



##### Signal Word

Danger

##### Hazard Statements

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

##### Precautionary Statements

P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.



**ULTRA PROFLEX SPES20W**

<b>Supplementary Precautionary Statements</b> P501 P261 P264 P321 P302+352 P304+340  P312 P332+313 P362 P403+233 P405	Dispose of contents/container in accordance with local regulations.  Avoid breathing vapour/spray. Wash contaminated skin thoroughly after handling. Specific treatment (see medical advice on this label). IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Store in a well-ventilated place. Keep container tightly closed. Store locked up.
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**2.3. Other hazards**

Not Classified as PBT/vPvB by current EU criteria.

<b>SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS</b>
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**3.2. Mixtures**

CALCIUM FORMATE  <b>CAS-No.: 544-17-2</b>	1-10%
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xi;R41.
SILICA SAND  <b>CAS-No.: 14808-60-7</b> <b>EC No.: 238-878-4</b>	30-60%
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.
SLAG  <b>CAS-No.: 65996-69-2</b> <b>EC No.:</b>	10-30%
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xi;R36/38.
WHITE OPC  <b>CAS-No.:</b> <b>EC No.:</b>	30-60%
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xi;R41,R37/38.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

<b>SECTION 4: FIRST AID MEASURES</b>
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**4.1. Description of first aid measures****General information**

Remove affected person from source of contamination. Contact physician if discomfort continues.

## ULTRA PROFLEX SPES20W

### Inhalation

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

### Ingestion

Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions. Do not give victim anything to drink if he is unconscious.

### Skin contact

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if any discomfort continues.

### Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

#### General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

### 5.2. Special hazards arising from the substance or mixture

#### Hazardous combustion products

None under normal conditions.

#### Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

#### Specific hazards

Not known.

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

No specific fire fighting procedure given.

#### Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

GENERAL. For waste disposal, see section 13.

### 6.4. Reference to other sections

For personal protection, see section 8. Collect and dispose of spillage as indicated in section 13. See section 11 for more detailed information on health effects and symptoms.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

No specific usage precautions noted.

### 7.2. Conditions for safe storage, including any incompatibilities

Store at moderate temperatures in dry, well ventilated area.

#### Storage Class

Unspecified storage.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## ULTRA PROFLEX SPES20W

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
SILICA SAND	WEL		0.3 mg/m <sup>3</sup>			
WHITE OPC	WEL		4 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

#### Ingredient Comments

No exposure limits noted for ingredient(s).

#### 8.2. Exposure controls

##### Protective equipment



##### Engineering measures

Not relevant

##### Respiratory equipment

No specific recommendations. Respiratory protection may be required.

##### Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

##### Eye protection

Wear approved safety goggles.

##### Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

##### Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

**Appearance** Powder, dust

#### 9.2. Other information

Not available.

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

No particular stability concerns.

#### 10.3. Possibility of hazardous reactions

Not applicable.

##### Hazardous Polymerisation

Unknown.

#### 10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

#### 10.5. Incompatible materials

##### Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

## ULTRA PROFLEX SPES20W

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### **Toxicological information**

No information available.

#### **General information**

No specific health warnings noted.

#### **Inhalation**

No specific health warnings noted.

#### **Ingestion**

May irritate and cause stomach pain, vomiting and diarrhoea.

#### **Skin contact**

Irritating to skin.

#### **Eye contact**

Irritating to eyes.

#### **Health Warnings**

This chemical may cause skin/eye irritation.

## SECTION 12: ECOLOGICAL INFORMATION

#### **Ecotoxicity**

There are no data on the ecotoxicity of this product.

### 12.1. Toxicity

No information available

### 12.2. Persistence and degradability

No information available

#### **Degradability**

There are no data on the degradability of this product.

### 12.3. Bioaccumulative potential

#### **Bioaccumulative potential**

No data available on bioaccumulation.

### 12.4. Mobility in soil

#### **Mobility:**

The product is non-volatile.

### 12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

### 12.6. Other adverse effects

Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

#### **General information**

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

## ULTRA PROFLEX SPES20W

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

### SECTION 14: TRANSPORT INFORMATION

**General** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

Not applicable.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

##### **Environmentally Hazardous Substance/Marine Pollutant**

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

### SECTION 15: REGULATORY INFORMATION

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### **Uk Regulatory References**

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

##### **Statutory Instruments**

Control of Substances Hazardous to Health.

##### **Approved Code Of Practice**

Safety Data Sheets for Substances and Preparations.

##### **National Regulations**

Health and Safety at Work Act (As Amended) 1974 Control of Substances Hazardous to Health Regulations 2002 (as amended)

##### **Water hazard classification**

N/A.

#### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

### SECTION 16: OTHER INFORMATION

#### **General information**

Only trained personnel should use this material.

**Issued By** HS&E Manager.

**Revision Date** 11/09/2013

**Revision** 3

**Supersedes date** 14/12/2012

**Safety Data Sheet Status** Approved.

**ULTRA PROFLEX SPES20W****Risk Phrases In Full**

R36/38	Irritating to eyes and skin.
R37/38	Irritating to respiratory system and skin.
NC	Not classified.
R41	Risk of serious damage to eyes.