

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1. Product identifier

Product name: BITUMEN PRIMER

1.2. Relevant identified uses of the substance or mixture

Identified uses: Primer.

1.3. Details of the supplier of the safety data sheet

BRS GROUP SA
27 Prospecton Road
Prospecton 4133
Durban, South Africa
info@brsgroup.co.za

1.4. Emergency telephone number

+ 27 31 9022952

SECTION 2: HAZARDOUS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Flam. Liq. 3 - H226

Human health EUH066;STOT SE 3 - H336;STOT RE 1 - H372

Environment Aquatic Chronic 2 - H411

Classification (1999/45/EEC) Xn;R48/20. N;R51/53. R10, R66, R67.

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

2.2. Label elements

Contains NAPHTHA (PETROLEUM), HYDROSULFURIZED HEAVY; LOW BOILING*
Label in Accordance With (EC) No. 1272/2008

Signal Word Danger

Hazard Statements

- H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

- P102 Keep out of reach of children.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P314 Get medical advice/attention if you feel unwell.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local regulations.

Supplementary Precautionary Statements

- P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P260 Do not breathe vapour/spray.
P261 Avoid breathing vapour/spray.
P264 Wash contaminated skin thoroughly after handling.
P370+378 In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P333+313 If skin irritation or rash occurs: Get medical advice/attention.
P337+313 If eye irritation persists: Get medical advice/attention.
P391 Collect spillage.
P403+235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

Supplemental label information

EUH066 Repeated exposure may cause skin dryness or cracking.

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

NAPHTHA (PETROLEUM), HYDROSULFURIZED HEAVY; LOW BOILING* 60-100%

CAS-No.: 64742-82-1 EC No.: 265-185-4

Classification (EC 1272/2008)	Classification (67/548/EEC)
Flam. Liq. 3 - H226	Xn;R48/20,R65.
EUH066	N;R51/53.
STOT SE 3 - H336	R10,R66,R67.
STOT RE 1 - H372	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	

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

- Inhalation
Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.
- Ingestion
DO NOT induce vomiting. Get medical attention immediately.
- Skin contact
Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Continue to rinse for at least 15 minutes and seek medical attention.
- Eye contact
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

- Inhalation
No specific symptoms noted.
- Ingestion
No specific symptoms noted.
- Skin contact
No specific symptoms noted.
- Eye contact
No specific symptoms noted.

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Extinguish with foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Not known.

Unusual Fire & Explosion Hazards

Forms explosive mixtures with air.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. Keep up-wind to avoid fumes. Ventilate closed spaces before entering them. Keep run-off water out of sewers and water sources. Dike for water control.

Protective equipment for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Risk of contact: Wear protective gloves and goggles/face shield.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb onto sand, earth or absorbent granules. Pick up with non-sparking tools and place into metal containers with sealable lids. Mark containers with details of hazards and store in designated area ready for disposal.

6.4. Reference to other sections

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

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spillage and avoid all contact with skin and eye, reduce all risk of inhalation.

7.2. Conditions for safe storage, including any incompatibilities.

Keep in original container.

Storage Class

Flammable liquid storage.

7.3. Specific end use(s)

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

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Control parameters

Ingredient Comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



- Process conditions
Use engineering controls to reduce air contamination to permissible exposure level.
- Engineering measures
Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapours.
- Respiratory equipment
Gas cartridge suitable for organic substances.
- Hand protection
Use suitable protective gloves if risk of skin contact. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.
- Eye protection
Wear goggles/face shield.
- Other Protection
Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
- Hygiene measures
When using do not eat, drink or smoke.
- Skin protection
Wear apron or protective clothing in case of splashes.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance Liquid

Colour Black.

Odour Petroleum.

Solubility Insoluble in water
Relative density 1.0
Flash point (°C) 35 (Closed cup).

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Not available.

Hazardous Polymerization

Unknown.

10.4. Conditions to avoid

Avoid contact with oxidizers or reducing agents.

10.5. Incompatible materials

Materials to Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

- Inhalation
Vapour may irritate respiratory system or lungs.
- Ingestion
May cause discomfort if swallowed. Harmful: may cause lung damage if swallowed.
- Skin contact
Repeated exposure may cause skin dryness or cracking.
- Eye contact
Irritating to eyes.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity - Dangerous for the environment: May cause long-term adverse effects in the aquatic environment. Contamination of the terrestrial and aquatic environments should be avoided.

SECTION 13: DISPOSAL CONSIDERATIONS

General information - Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

SECTION 14: TRANSPORT INFORMATION

14.1. UN Number

UN No. (ADR/RID/ADN) 1263

UN No. (IMDG) 1263

UN No. (ICAO) 1263

14.2. UN proper shipping name

Proper Shipping Name PAINT RELATED MATERIAL (NAPHTHA (PETROLEUM), HYDROSULFURIZED HEAVY; LOW BOILING*)

14.3. Transport hazard class(es)

ADR/RID/ADN Class 3

ADR/RID/ADN Class Class 3: Flammable Liquids.

ADR Label No. 3

IMDG Class 3

ICAO Class/Division 3

Transport Labels



14.4. Packing group

ADR/RID/ADN Packing group III

IMDG Packing group III

ICAO Packing group III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

14.6. Special precautions for user

EMS F-E, S-E

Emergency Action Code •3Y

Hazard No. (ADR) 30

Tunnel Restriction Code (D/E)

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

SECTION 15: REGULATORY INFORMATION

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

- Statutory Instruments
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
- Approved Code of Practice
Classification and Labelling of Substances and Preparations Dangerous for Supply.
- Guidance Notes
Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.
- EU Legislation
Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

SECTION 16: OTHER INFORMATION

General information

This product should be used as directed by BRS Group SA. For further information consult the technical data sheet.

Information Sources

This safety data sheet was compiled using current safety information supplied by distributor of raw materials.

Risk Phrases in Full

R10 Flammable.

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67 Vapours may cause drowsiness and dizziness.

Hazard Statements in Full

H314 Causes severe skin burns and eye damage.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H372 Causes damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.