



NURAFLUX PRIMER QD MATERIAL SAFETY DATA SHEET

COMPANY DETAILS

Company	Nuralite Waterproofing Ltd
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IDENTIFICATION

Product Name	Nuraflux Primer QD
Proper Shipping Name	IKOpro Quick Dry Bitumen Primer
Un Number	UN1268

PHYSICAL DATA

Appearance	Fluid
Odour	Petrol-like
Colour	Black
pH-value	Not determined
Boiling Point °C	145°C
Vapour Pressure @ 20°C	5 hPa
Density at 20°C	0.86 g/cm ³
Flash Point	24°C
Self-igniting	Product is not self igniting
Danger of explosion	Product is not explosive. However, formation of explosive air/vapour mixtures are possible
Explosion limits:	
Lower	0.5 Vol%
Upper	7.0 Vol %
Solubility In Water	Insoluble
Organic solvents	Miscible with many organic solvents
Viscosity:	
Dynamic	Not determined
Kinematic	9-14 mm ² /s (40°C)
Solvent content	

VOC (EC)	VOC limit value (cat A/h) 750 g/L 2010
Solids content	Product contains 430 g/L
9.2 Other information	46.0%
	No further information available

REACTIVITY DATA

Chemical stability

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available

Hazardous decomposition products: Hazardous decompositions products may be released during prolonged heating like smokes, carbon monoxide and dioxides.

HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flam Liq 3	H226 Flammable liquid and vapour
Asp Tox 1	H304 May be fatal if swallowed and enters airways
STOT SE 3	H336 May cause drowsiness or dizziness
Aquatic Chronic	H412 Harmful to aquatic life with long lasting effects

Information concerning particular hazards for human and environment:
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the E U " in the latest valid version.

At long or repeated contact with skin may cause dermatitis due to the degreasing effect of the solvent

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

Label elements

Labelling according to Regulation (EC) No 1272/2008, 453/2010

This product is classified and labelled according to the CLP regulation

Signal word Danger

Hazard-determining components of labelling

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclic, <2% aromates

Hazard statements

H226 Flammable liquid and vapour

H336 May cause drowsiness or dizziness

H304 May be fatal if swallowed and enters airways

H412 Harmful to aquatic life with long lasting effects

Precautionary statements

P102 Keep out of reach of children

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P241 Use explosion-proof electrical/ventilating/lighting/equipment

P301+P310 If swallowed: immediately call a poison center or doctor/physician

P303+P361 +P353 If on skin (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking

COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Description: Mixture of aliphatic hydrocarbons and bitumen

Dangerous components:

EC number: 927-241-2 Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclic, <2% aromates
50-75%

Reg nr: 01-2119471843-32

Flam Liq 3, H226

Asp Tox 1, H304

STOT SE 3, H336

Aquatic Chronic 3, H412

FIRST AID MEASURES

Inhalation Supply fresh air: consult doctor in case of complaints.

Skin Generally the product does not irritate the skin.

Eye Rinse opened eye for several minutes under running water.

Ingestion If symptoms persist consult doctor

Information for Doctor:

Most important symptoms and effects, both acute and delayed. No further information available.

SAFE HANDLING INFORMATION

FIRE – FIGHTING MEASURES

Extinguishing Media:

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

Special hazards arising from the substance or mixture:

Not applicable.

Advice for fire fighters:

Protective equipment: Wear fully protective suit. Wear self-contained respiratory protective device

ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

HANDLING AND STORAGE

Precautions for safe handling

Work only in fume cupboard

Information about fire - and explosion protection:

Keep ignition sources away – Do not smoke
Protect against electrostatic charges

Conditions for safe storage, including any incompatibilities

Storage requirements to be met by storerooms and receptacles:
Store in a cool location

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Information about storage in one common storage facility: Not required
Further information about storage conditions: Keep container tightly sealed

EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7

Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The lists valid during the making were used as basis.

Exposure controls

Personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:

Not necessary if room is well-ventilated

Protection of hands:

Solvent resistant gloves

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can't be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed

Eye protection:

Tightly sealed goggles

TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclic, <2% aromates

Oral LD50 >5000 mg/kg (rat)

Dermal LD50 >5000 mg/kg (rabbit)

Primary irritant effect:

On the skin:

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

On the eye:

Splashes in the eyes may cause irritation and reversible local damage.

Sensitization:

No sensitizing effects known.

ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity:

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclic, <2% aromates

Inhalative LC50 >4951 mg/l (rat)

EC50 >1000 mg/l (fish)

Persistence and degradability: No further relevant information available.

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Ecotoxicological effects:

Remark: Harmful to fish

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Harmful to aquatic organisms

Results of PB T and vPvB assessment

PB T: Not applicable

vPvB: Not applicable

Other adverse effects No further relevant information available.

DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

TRANSPORT INFORMATION

Transport hazard class(es) ADR, IMDG

Class	3 Flammable liquids
Label	3
Packing group ADR, IMDG	III
Environmental hazards:	
Marine pollutant:	No
Special precautions for user	Warning: Flammable liquids
Danger code (Kemler)	30
EMS Number	F-E,S-E
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5L
Transport category	3
Tunnel restriction code	D/E
UN "Model Regulation"	UN1268, Petroleum Products, N.O.S,3,III

REGULATORY INFORMATION

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H226 Flammable liquid and vapour

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