Fast Fix Primer Liquid 10ml

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1. Product identifier

Trade name/designation:

Fast Fix Primer Liquid 10ml

Article No.:
T501015

UFI:
QF3D-TPNP-MU0M-VCDA

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

Use of the substance/mixture:
Primer

1.3. Details of the supplier of the safety data sheet

Supplier:

KANDO Service GmbH
Hartleitnerstraße 3
4653 Eberstalzell
Austria
Telephone: +43 (0) 7241 213 79
E-mail: msds@kando.eu

1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids *(Flam. Liq. 2)*	H225: Highly flammable liquid and vapour.	
Skin corrosion/irritation *(Skin Irrit. 2)*	H315: Causes skin irritation.	
STOT-single exposure *(STOT SE 3)*	H336: May cause drowsiness or dizziness.	
Aspiration hazard *(Asp. Tox. 1)*	H304: May be fatal if swallowed and enters airways.	
Hazardous to the aquatic environment *(Aquatic Acute 1)*	H400: Very toxic to aquatic life.	
Hazardous to the aquatic environment *(Aquatic Chronic 1)*	H410: Very toxic to aquatic life with long lasting effects.	

Fast Fix Primer Liquid 10ml

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



GHS08
Health hazard



GHS09
Environment



GHS07
Exclamation mark



GHS02
Flame

Signal word: Danger

Hazard components for labelling:
heptane

Hazard statements for health hazards	
H304	May be fatal if swallowed and enters airways.

Supplemental hazard information: none

Precautionary statements Response	
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do NOT induce vomiting.

2.3. Other hazards

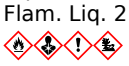
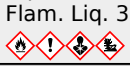
No data available

SECTION 3: Composition/information on ingredients

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3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 142-82-5 EC No.: 205-563-8 Index No.: 601-008-00-2 REACH No.: 01-2119457603-38	**heptane** Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Asp. Tox. 1 (H304), Flam. Liq. 2 (H225), STOT SE 3 (H336), Skin Irrit. 2 (H315)  Danger	> 50 – ≤ 100 weight-%
CAS No.: 111-84-2 EC No.: 203-913-4	**nonane** Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Asp. Tox. 1 (H304), Flam. Liq. 3 (H226), STOT SE 3 (H336), Skin Irrit. 2 (H315)  Danger	≥ 0.25 – ≤ 1 weight-%
CAS No.: 61788-93-0 EC No.: 263-020-0	**Amines, coco alkyldimethyl** Acute Tox. 4 (H302), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318), Skin Corr. 1B (H314)  Danger **Acute Toxicity Estimate** ATE (oral) 500 mg/kg	≥ 0.025 – < 0.25 weight-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
Remove/Take off immediately all contaminated clothing.

Following inhalation:
Fresh air supply, respiratory care if necessary, warmth. Consult a doctor if symptoms persist. If unconscious, position and transport in stable lateral position.

In case of skin contact:
After contact with skin, wash immediately with plenty of water and soap. Consult a doctor if skin irritation persists.

After eye contact:
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Following ingestion:
Rinse mouth. Drink plenty of water. If swallowed Do NOT induce vomiting. Seek medical advice immediately and show this container or label. Notes to Physician: Ingestion followed by vomiting may result in aspiration into the lungs, which may lead to chemical pneumonia or asphyxiation.

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

4.3. Indication of any immediate medical attention and special treatment needed
No further relevant information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media:
CO2, Extinguishing powder, Water spray jet Fight larger fires with water spray or alcohol-resistant foam.

Unsuitable extinguishing media:
Water in full jet

5.2. Special hazards arising from the substance or mixture
May form explosive gas-air mixtures. Formation of toxic gases possible when heated or in case of fire.

5.3. Advice for firefighters
Protective equipment: Wear self-contained breathing apparatus. Do not inhale explosion and combustion gases.

5.4. Additional information
Cool endangered containers with water spray. Fire residues and contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
6.1.1. For non-emergency personnel
Personal precautions:
Wear protective equipment. Keep unprotected persons away. Provide adequate ventilation. Keep away from sources of ignition - No smoking. Avoid contact with eyes and skin.

6.1.2. For emergency responders
No data available

6.2. Environmental precautions
Prevent penetration into sewers, pits and cellars. In case of spillage into water or sewage system, inform the competent authorities. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up
Other information:
Provide adequate ventilation. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Dispose of the ingested material in accordance with the regulations.

6.4. Reference to other sections
Vapours can form explosive mixtures with air.
See section 7 for further information on safe handling.
For further information on personal protective equipment: see section 8.
For information on "Hazardous reactions" see section 10
For further information on disposal: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:
Keep container tightly closed. Ensure good ventilation/extraction at the workplace. Ensure good room ventilation also in the floor area (vapours are heavier than air).

Fire prevent measures:
Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Vapours can form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:
Store in a cool place. Keep/Store only in original container.

Hints on storage assembly:
Store separately from food.

Storage class (TRGS 510, Germany): 3 – Flammable liquids

Further information on storage conditions:
Keep container tightly closed. Keep in a cool, well-ventilated place.. Storage class (TRGS 510, Storage of hazardous substances in transportable containers): 3 Betriebssicherheitsverordnung (BetrSichV) flammable liquids

7.3. Specific end use(s)

Recommendation:
No further relevant information available.

SECTION 8: Exposure controls/personal protection

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8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
MAK (AT) from 25 Sept 2018	**heptane** CAS No.: 142-82-5 EC No.: 205-563-8	① 500 ppm (2,000 mg/m³)
IOELV (EU)	**heptane** CAS No.: 142-82-5 EC No.: 205-563-8	① 500 ppm (2,085 mg/m³)
MAK (AT) from 26 Sept 2018	**heptane** CAS No.: 142-82-5 EC No.: 205-563-8	② 2,000 ppm (8,000 mg/m³) ⑤ (max. 4x15 min./Schicht)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
heptane CAS No.: 142-82-5 EC No.: 205-563-8	2,085 mg/m³	① DNEL worker ② Long-term – inhalation, systemic effects
heptane CAS No.: 142-82-5 EC No.: 205-563-8	447 mg/m³	① DNEL Consumer ② Long-term – inhalation, systemic effects

Substance name	DNEL value	① DNEL type ② Exposure route
heptane CAS No.: 142-82-5 EC No.: 205-563-8	300 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
heptane CAS No.: 142-82-5 EC No.: 205-563-8	149 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects
heptane CAS No.: 142-82-5 EC No.: 205-563-8	149 mg/kg bw/day	① DNEL Consumer ② Long-term - oral, systemic effects

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Safety goggles

Skin protection:

Hand protection Wear protective gloves. (EN 374) Check protective gloves for proper condition before each use. The glove material must be impermeable and resistant to the product / substance / preparation.
Selection of the glove material considering the breakthrough times, permeation rates and degradation. Chemical-resistant protective gloves (EN ISO 374). Protective gloves made of Neoprene® / polychloroprene (EN ISO 374). Protective gloves made of nitrile (EN ISO 374). Protective gloves in Viton® / in fluoroelastomer (EN ISO 374). Minimum layer thickness in mm: 0.5. Permeation time (breakthrough time) in minutes: 480. The breakthrough times determined according to EN 16523-1 were not carried out under practical conditions. A maximum wearing time corresponding to 50% of the breakthrough time is recommended. Hand protection cream recommended..This recommendation is based exclusively on chemical compatibility and testing according to EN 374 under laboratory conditions. Depending on the application, different requirements may arise. Therefore, the recommendations of the protective glove supplier must also be taken into account. The selection of a suitable glove depends not only on the material but also on other quality features and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.
Permeation time (maximum wear duration): The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.
Body protection: Use protective suit.

Respiratory protection:

BEI insufficient ventilation Respiratory protection Filter A2/P2

Other protection measures:

General protective and hygienic measures: The usual precautions when handling chemicals must be observed. Keep away from food, drink and animal feed. Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work. Do not inhale gases/vapours/aerosols. Avoid contact with eyes and skin.

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid
Colour: colourless
Odour: Gasoline
flammability: No data available

Fast Fix Primer Liquid 10ml

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	*No data available*		
Melting point	*No data available*		
Freezing point	*No data available*		
Initial boiling point and boiling range	*No data available*		
Flash point	-10 °C		① (DIN 55213)
Evaporation rate	*No data available*		
Auto-ignition temperature	*No data available*		
Upper/lower flammability or explosive limits	*No data available*		
Vapour pressure	*No data available*		
Vapour density	*No data available*		
Density	0.68 g/cm³	20 °C	
Bulk density	*not applicable*		
Water solubility	partially miscible		
Dynamic viscosity	< 0.02 Pa* s	20 °C	
Kinematic viscosity	*No data available*		

9.2. Other information
No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity
No further relevant information available.

10.2. Chemical stability
No decomposition if stored and handled as directed.

10.3. Possibility of hazardous reactions
Formation of explosive gas mixtures with air.

10.4. Conditions to avoid
No further relevant information available.

10.5. Incompatible materials
No further relevant information available.

10.6. Hazardous decomposition products
No hazardous decomposition products if stored and used as directed.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute oral toxicity:
Based on available data, the classification criteria are not met.

Acute dermal toxicity:
Based on available data, the classification criteria are not met.

Acute inhalation toxicity:
Based on available data, the classification criteria are not met.

Skin corrosion/irritation:
Causes skin irritation.

Serious eye damage/irritation:
Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation:
Based on available data, the classification criteria are not met.

Germ cell mutagenicity:
Based on available data, the classification criteria are not met.

Carcinogenicity:
Based on available data, the classification criteria are not met.

Reproductive toxicity:
Based on available data, the classification criteria are not met.

STOT-single exposure:
May cause drowsiness or dizziness.

STOT-repeated exposure:
Based on available data, the classification criteria are not met.

Aspiration hazard:
May be fatal if swallowed and enters airways.

Additional information:
The product is a preparation for which no experimentally determined toxicity data are available. May cause drowsiness or dizziness.

11.2. Information on other hazards
No data available

SECTION 12: Ecological information

12.1. Toxicity
Aquatic toxicity:
No further relevant information available.

12.2. Persistence and degradability
Additional information:
No further relevant information available.

12.3. Bioaccumulative potential
Accumulation / Evaluation:
No further relevant information available.

12.4. Mobility in soil
No further relevant information available.

12.5. Results of PBT and vPvB assessment

heptane	CAS No.: 142-82-5 EC No.: 205-563-8
Results of PBT and vPvB assessment: —	
nonane	CAS No.: 111-84-2 EC No.: 203-913-4
Results of PBT and vPvB assessment: —	

12.6. Endocrine disrupting properties
No further relevant information available.

12.7. Other adverse effects
No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
13.1.1. Product/Packaging disposal
Waste codes/waste designations according to EWC/AVV
Waste code product

07 01 04 *	other organic solvents, washing liquids and mother liquors

**: Evidence for disposal must be provided.*

Waste treatment options
Appropriate disposal / Package:
Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
UN 1206	No dangerous good in sense of these transport regulations.	UN 1206	UN 1206
14.2. UN proper shipping name			
1206 HEPTANE, Lösung, UMWELTGEFÄHRDEND	No dangerous good in sense of these transport regulations.	HEPTANES solution, MARINE POLLUTANT	HEPTANES solution
* **14.3. Transport hazard class(es)**			
 3	not relevant	 3	 3
14.4. Packing group			
II	not relevant	II	II
14.5. Environmental hazards			
	not relevant	 MARINE POLLUTANT	No data available
14.6. Special precautions for user			
Special Provisions: Achtung: Entzündbare flüssige Stoffe Zahl): **Limited quantity (LQ):** 1L **Hazard identification number (Kemler No.):** 33 **Classification code:** - **Tunnel restriction code:** (D/E)	not relevant	**Special Provisions:** Achtung: Entzündbare flüssige Stoffe Zahl): **Limited quantity (LQ):** 1L **EmS-No.:** F-E,S-D	**Special Provisions:** Achtung: Entzündbare flüssige Stoffe Zahl):

14.7. Maritime transport in bulk according to IMO instruments
No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation
Restrictions on use:
Restriction conditions: 3

15.1.2. National regulations
No data available

15.2. Chemical Safety Assessment
For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

* 16.1. Indication of changes

3.2.	Mixtures
8.1.	Control parameters

9.1.	Information on basic physical and chemical properties
14.3.	Transport hazard class(es)
16.1.	Indication of changes
16.2.	Abbreviations and acronyms
16.7.	Additional information

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16.2. Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
DNEL	derived no-effect level
ES	Exposure scenario
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
KG	body weight
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations
ZNS	central nervous system

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids *(Flam. Liq. 2)*	H225: Highly flammable liquid and vapour.	
Skin corrosion/irritation *(Skin Irrit. 2)*	H315: Causes skin irritation.	
STOT-single exposure *(STOT SE 3)*	H336: May cause drowsiness or dizziness.	
Aspiration hazard *(Asp. Tox. 1)*	H304: May be fatal if swallowed and enters airways.	
Hazardous to the aquatic environment *(Aquatic Acute 1)*	H400: Very toxic to aquatic life.	
Hazardous to the aquatic environment *(Aquatic Chronic 1)*	H410: Very toxic to aquatic life with long lasting effects.	

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.

Hazard statements	
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

16.6. Training advice

No data available

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16.7. Additional information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.

* Data changed compared with the previous version.