SAFETY DATA SHEET

# Hey'di Klinkerfug, light gray, gray, coke gray

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

| | |
|---|---|
| Date issued | 25.05.2012 |
| Revision date | 14.12.2018 |

### 1.1. Product identifier

| | |
|---|---|
| Product name | Hey'di Klinkerfug, light gray, gray, coke gray |
| Article no. | 619115, 619120, 619123 |
| GTIN No. | 7054151156195, 7054151206197, 7054151236194 |
| Extended SDS with ES incorporated | No |

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

| | |
|---|---|
| Function | Description: Cementitious grout. |
| Use categories nordic (UCN). | U05100 |
| Use of the substance / mixture | Used for joining ceramic tiles, mosaics on floors and walls. |
| Relevant identified uses | SU10 Formulation [mixing] of preparations and/or re-packaging (excluding alloys)<br>SU19 Building and construction work<br>SU21 Consumer uses: Private households (= general public = consumers)<br>SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)<br>PC1 Adhesives, Sealants<br>PC9 Coatings and Paints, Fillers, Putties, Thinners<br>PC10 Building and construction substances not covered elsewhere<br>PROC2 Use in closed, continuous process with occasional controlled exposure<br>PROC5 Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)<br>PROC8b Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities<br>PROC9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)<br>ERC2 Formulation of preparations<br>ERC8C Wide dispersive indoor use resulting in inclusion into or onto a matrix |
| Uses advised against | Minimum application temperature is +6 ºC. This also applies to the temperature |

| | |
|---|---|
| | of the substrate. |
| Standard industrial classification (NACE) | 23.650 |
| The chemical can be used by the general public | Yes |

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

**Downstream user**

| | |
|---|---|
| Company name | HeyDi AS |
| Office address | Tretjerndalsvegen 68 |
| Postcode | N-2016 |
| City | Frogner |
| Country | Norway |
| Telephone number | +47 63868800 |
| Email | heydi@heydi.no |
| Website | www.heydi.no |
| Enterprise No. | 979657919 |
| Contact person | Alan Ulstad |

### 1.4. Emergency telephone number

| | |
|---|---|
| Emergency telephone | Telephone number: +47 22 59 13 00<br>Description: The National Poisons Information Centre |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

| | |
|---|---|
| Classification according to Regulation (EC) No 1272/2008 [CLP / GHS] | Eye Dam. 1; H318<br>Skin Irrit. 2; H315<br>STOT SE 3; H335 |
| Substance / mixture hazardous properties | The product contains cement mixed with water and is corrosive to skin and eyes. |

### 2.2. Label elements

**Hazard pictograms (CLP)**

| | |
|---|---|
| Composition on the label | White Portland cement 10 - 30 % |
| Signal word | Danger |
| Hazard statements | H318 Causes serious eye damage.<br>H315 Causes skin irritation. |

| | |
|---|---|
| | H335 May cause respiratory irritation. |
| Precautionary statements | P102 Keep out of reach of children.<br>P280 Wear protective gloves / protective clothing / eye protection / face protection.<br>P261 Avoid breathing dust.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P313 Get medical advice / attention.<br>P302+P352 IF ON SKIN: Wash with plenty of soap and water.<br>P501 Dispose of contents / container to licensed waste disposal site in accordance with local Waste Disposal Authority. |

### 2.3. Other hazards

| | |
|---|---|
| PBT / vPvB | This product does not contain any PBT or vPvB substances. |
| Health effect | The product contains cement mixed with water and is corrosive to skin and eyes. Dust or splashes from the mixture may cause permanent eye damage. |
| Environmental effects | The product is not classified as environmentally harmful. Spills and contamination should be avoided. In contact with water the product hardens to a solid mass that is not biodegradable. |

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

| Substance | Identification | Classification | Contents | Notes |
|---|---|---|---|---|
| White Portland cement | CAS No.: 65997-15-1<br>EC No.: 266-043-4 | Eye Dam. 1;H318<br>Skin Irrit. 2;H315<br>STOT SE3;H335 | 10 - 30 % | |

| | |
|---|---|
| Description of the mixture | The Safety Data Sheet indicates the product's characteristics in dry condition. The product contains cement mixed with water and is corrosive to skin and eyes. |
| Substance comments | The full text for all hazard statements is displayed in section 16. Includes natural sand containing quartz. Respirable quartz is less than 0,1 % (particles <5µm). |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

| | |
|---|---|
| General | Remove affected person from source of contamination. Contaminated clothing should be removed immediately. Get medical attention if any discomfort continues. |
| Inhalation | Fresh air. Ensure free airways, seek medical attention if irritation persists. |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. |
| Eye contact | Important! Immediately rinse with water for at least 15 minutes. Immediately transport to hospital or eye specialist. Continue flushing during transport to hospital. |
| Ingestion | When small amounts (a mouthful or less): Rinse mouth with water. Drink water or milk. Contact your doctor for evaluation.<br>For larger quantities than described above: Rinse mouth with water. Drink water |

| | |
|---|---|
| | or milk. Seek immediate medical attention. Do not induce vomiting. |

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

| | |
|---|---|
| Acute symptoms and effects | Irritating to eyes and skin |
| Delayed symptoms and effects | Fine grained products may itch and cause discomfort and minor dehydration. Eye contact with cementitious products can cause serious and potential irreversible damage. |

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

| | |
|---|---|
| Medical treatment | Symptomatic treatment. |
| Information on clinical testing | Not known. |
| Other information | When in doubt, or when symptoms persist - seek medical help. General health check. |

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

| | |
|---|---|
| Suitable extinguishing media | Choose in relation to the surrounding fire. |
| Improper extinguishing media | None. |

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

| | |
|---|---|
| Fire and explosion hazards | None. |
| Hazardous combustion products | Not relevant. |

### 5.3. Advice for firefighters

| | |
|---|---|
| Personal protective equipment | No recommendation given. |
| Fire fighting procedures | Use extinguishing measures appropriate to local circumstances and the surrounding environment. |
| Special protective equipment for firefighters | Firefighters should use adequate protection. |
| Other information | Fight fire with normal precautions from a reasonable distance. |

## SECTION 6: Accidental release measures

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

| | |
|---|---|
| General measures | Use personal protective equipment as specified in section 8. |
| Personal protection measures | Avoid contact with skin and eyes. Use the specified protective equipment. See section 8. |
| Protective equipment | See section 8. |
| Emergency procedures | Not relevant. |
| For emergency responders | Use the specified safety equipment. See section 8 |

### 6.2. Environmental precautions

| | |
|---|---|
| Environmental precautionary measures | Collect and dispose of spillage as indicated in section 13. |

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

| | |
|---|---|
| Containment | No recommendation given. |
| Clean up | Larger quantities should be collected and delivered to a licensed waste operator. Small amounts should be taken up mechanically, avoiding dust formation. Product residues should be delivered to a hazardous waste disposal site. |

### 6.4. Reference to other sections

| | |
|---|---|
| Other instructions | See section 1 for emergency contact information.<br>See section 8 for information on appropriate personal equipment.<br>See section 13 for waste disposal. |

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

| | |
|---|---|
| Handling | Follow the instructions. Avoid dust formation processing. Work practice should minimize contact. Use appropriate protective equipment as described in section 8 when handling open containers. |

### Protective safety measures

| | |
|---|---|
| Protective safety measures | No recommendation given. |
| Safety measures to prevent fire | No specific measures necessary. |
| Preventititve measures to protect the environment | Avoid dust formation. |
| Advice on general occupational hygiene | First-aid equipment, including eye wash bottle, must be available at the work site. Provide easy access to water supply and eye wash facilities. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. |

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

| | |
|---|---|
| Storage | Store in dry, sealed container. |
| Conditions to avoid | Avoid contact with moisture and influence of weather. |

### Conditions for safe storage

| | |
|---|---|
| Technical measures and storage conditions | No specific measures or conditions indicated. |
| Packaging compatibilities | Store in tightly sealed original packaging. |
| Requirements for storage rooms and vessels | Store in a dry place. Store in a closed container. |
| Advice on storage compatability | No specific advice on storage is indicated. |
| Storage stability | Optimal conditions for use within 1 year from date of production. |

### 7.3. Specific end use(s)

| | |
|---|---|
| Recommendations | Read the description in the technical datasheet about surface treatment before use. |
| Specific use(s) | Used for joining ceramic tiles, mosaics on floors and walls. |

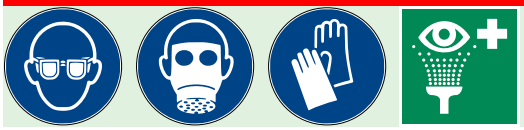
## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

| Substance | Identification | Exposure limits | TWA Year |
|---|---|---|---|
| Natural sand | CAS No.: 14808-60-7 | Limit value (8 h) : 0,3 mg/m³<br>**Exposure limit letter**<br>Letter description: Total dust<br>Limit value (8 h) : 0,1 mg/m³<br>**Exposure limit letter**<br>Letter description: Respirable dust | TWA Year: 2010 |
| Inhalable dust, total dust | | Limit value (8 h) : 10 mg/m³ | TWA Year: 2010 |
| Inhalable dust, respirable dust | | Limit value (8 h) : 5 mg/m³ | TWA Year: 2010 |
| Other Information about threshold limit values | Includes natural sand containing quartz. Respirable quartz is less than 0,1 % (particles <5µm). | | |

### 8.2. Exposure controls

**Safety signs**



#### Precautionary measures to prevent exposure

| | |
|---|---|
| Appropriate engineering controls | Observe occupational exposure limits and minimise the risk of inhalation of dust. |
| Instruction on measures to prevent exposure | The usual precautions for handling chemicals should be followed. Ensure that eyewash stations are close to the workstation location. |
| Technical measures to prevent exposure | Provide adequate general and local exhaust ventilation. |

#### Eye / face protection

| | |
|---|---|
| Eye protection equipment | Description: If risk of splashing, wear safety goggles or face shield. Use dustproof safety goggles at risk of dust formation.<br>Reference to relevant standard: EN 166 |

#### Hand protection

| | |
|---|---|
| Skin- / hand protection, short term contact | < 8 h Neoprene, nitrile, polyethylene or PVC. |

| | |
|---|---|
| Skin- / hand protection, long term contact | > 8 h Neoprene, nitrile, polyethylene or PVC. |
| Suitable gloves type | Neoprene, nitrile, polyethylene or PVC. |
| Breakthrough time | Value: > 480 minute(s)<br>Comments: Moist material. Breakthrough time for the given glove material. |
| Hand protection equipment | Description: Neoprene, nitrile, polyethylene or PVC.<br>Reference to relevant standard: EN 374 |
| Hand protection, comments | Prolonged or repeated skin contact may cause drying of the skin and risk of cracking. |

## Skin protection

| | |
|---|---|
| Suitable protective clothing | Use suitable protective clothing. |
| Unsuitable protective clothing | No recommendation given. |
| Protective clothing necessary properties | Overall suit shall be used where the work involves smudging to such an extent that ordinary working clothes do not protect the skin against contact with the product. |
| Recommended protective clothing | Description: In case of direct contact or splash, wear protective clothing.<br>Reference to relevant standard: ISO 13688 |
| Additional skin protection measures | It is recommended that you wash or shower and then apply moisturizer to the exposed skin. |
| Skin protection remark | Prolonged or repeated skin contact may lead to dry skin with risk of cracking. |

## Respiratory protection

| | |
|---|---|
| Respiratory protection necessary at | In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2). |
| Tasks needing respiratory protection | Wear a dust mask class P2 for work in dusty areas. |
| Recommended respiratory protection | Mask type: Dust mask.<br>Filter apparatus type: Filter P2 (for fine dust).<br>Reference to relevant standard: EN 143 |

## Thermal hazards

| | |
|---|---|
| Thermal hazards | Not relevant. |

## Hygiene / environmental

| | |
|---|---|
| Specific hygiene measures | Use appropriate skin cream to prevent drying of skin. Wash at the end of each work shift and before eating, smoking and using the toilet. |

## Appropriate environmental exposure control

| | |
|---|---|
| Environmental exposure controls | The product must not be discharged directly into drains or waterways without treatment. |

## Exposure controls

| | |
|---|---|
| Safety measures for consumer use of the chemical | Use the specified safety equipment. See section 8. Follow the label instructions. |
| Exposure controls and personal protection, additional information | All protection should be CE marked. Contaminated clothes should be laundered before reuse. |
| Exposure controls, comments | Wash hands before breaks, lavatory and before leaving the work site. |

## SECTION 9: Physical and chemical properties

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

| | |
|---|---|
| Physical state | Powder. |
| Colour | Misc. colours. |
| Odour | No characteristic odour. |
| pH | Status: In aqueous solution<br>Value: ~ 12,5<br>Comments: Miscible with water. |
| Melting point / melting range | Comments: Not relevant. |
| Boiling point / boiling range | Comments: Not relevant. |
| Flash point | Comments: Not relevant. |
| Relative density | Value: = 2000 kg/m³ |
| Partition coefficient: n-octanol/ water | Comments: Not known. |
| Auto-ignition temperature | Comments: Not relevant. |
| Explosive properties | No explosive properties. |
| Oxidising properties | No oxidizing properties. |

### 9.2. Other information

### Physical hazards

| | |
|---|---|
| Miscibility | Miscible with water. |
| Conductivity | Comments: |
| Particle size | Value: 0 - 0,4 mm |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

| | |
|---|---|
| Reactivity | No hazardous reactions if regulations/notes for storage and handling are observed. |

### 10.2. Chemical stability

| | |
|---|---|
| Stability | Stable under recommended storage conditions - see Section 7. |

### 10.3. Possibility of hazardous reactions

| | |
|---|---|
| Possibility of hazardous reactions | Stable under recommended storage conditions - see Section 7. |

### 10.4. Conditions to avoid

| | |
|---|---|
| Conditions to avoid | The product will harden into a hard mass in contact with water and moisture. |

### 10.5. Incompatible materials

| | |
|---|---|
| Materials to avoid | Strong acids. |

### 10.6. Hazardous decomposition products

| | |
|---|---|
| Hazardous decomposition products | Not relevant. |

### Other information

| | |
|---|---|
| Other information | The powder reacts with water to form strongly alkaline solution of calcium hydroxide. Mortar hardens after a short time. |

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

| | |
|---|---|
| Substance | Dolomite |
| Acute toxicity | **Type of toxicity:** Acute<br>**Effect tested:** LD50<br>**Route of exposure:** Oral<br>**Value:** > 5000 mg/kg<br>**Animal test species:** Rat |
| Substance | Titanium dioxide |
| Acute toxicity | **Type of toxicity:** Acute<br>**Effect tested:** LD50<br>**Route of exposure:** Oral<br>**Value:** > 5000 g/kg<br>**Animal test species:** Rabbit<br>**Test reference:** OECD425<br><br>**Type of toxicity:** Acute<br>**Effect tested:** LD50<br>**Route of exposure:** Dermal<br>**Value:** > 10000 mg/kg<br>**Animal test species:** Rabbit<br>**Test reference:** OECD 404<br><br>**Type of toxicity:** Acute<br>**Effect tested:** LC50<br>**Route of exposure:** Inhalation.<br>**Duration:** 4 hour(s)<br>**Value:** > 6,82 mg/l<br>**Animal test species:** Rat |

### Other information regarding health hazards

| | |
|---|---|
| Toxicokinetics | Not known. |
| Skin corrosion / irritation, human experience | The product contains cement mixed with water and is corrosive to skin and eyes. |
| Eye damage or irritation other information | Splashes may irritate and cause redness. Splash in eye requires examination by eye specialist. |
| Assessment of eye damage or irritation, classification | Particles in the eyes may cause irritation and smarting. |
| General respiratory or skin sensitisation | Repeated or prolonged skin contact may have a degreasing effect. |
| Respiratory sensitisation other information | Dust in high concentrations may irritate the respiratory tract. |
| Inhalation | Frequent and prolonged inhalation of dust increases the risk of developing lung diseases. |
| Skin contact | The product may cause irritation by prolonged contact. |
| Eye contact | Gives soreness and tearing. Risk of serious eye damage |
| Ingestion | Not relevant. |
| Sensitisation | No basis for classification as a sensitizer. |
| Mutagenicity | Not relevant. |
| Carcinogenicity, other information | Not relevant. |
| Reproductive toxicity | Not relevant. |
| Reproductive toxicity, human experience | Not relevant. |
| Assessment of reproductive toxicity, classification | Not relevant. |

### Symptoms of exposure

| | |
|---|---|
| In case of ingestion | Not relevant. |
| In case of skin contact | Symptoms include redness, swelling, blisters and ulceration and are usually developed slowly. |
| In case of inhalation | Inhalation of dust may cause irritation to the upper respiratory tract. |
| In case of eye contact | Dust or splashes from the mixture may cause permanent eye damage. Immediate first aid is necessary. |
| Other information | Health hazard is dependent on the use and protection measures. |

## SECTION 12: Ecological information

### 12.1. Toxicity

| | |
|---|---|
| Substance | Titanium dioxide |
| Aquatic toxicity, fish | **Value:** > 1000 mg/l<br>**Effect dose concentration:** LC50<br>**Test duration:** 96 hour(s)<br>**Species:** Pimpephales promelas |
| Substance | Titanium dioxide |

| | |
|---|---|
| Aquatic toxicity, algae | **Value:** 5600 mg/l<br>**Effect dose concentration:** NOEC<br>**Test duration:** 72 timer<br>**Species:** Pseudokirchneriella subcapitata |
| Substance | Titanium dioxide |
| Aquatic toxicity, crustacean | **Value:** > 1000 mg/l<br>**Effect dose concentration:** EC50<br>**Test duration:** 48 hour(s)<br>**Species:** Daphnia magna<br>**Method:** OECD 202 |
| Ecotoxicity | The product is not expected to be toxic to aquatic organisms. LC50 values for toxicity in water is not proven. However, mixing of cement in water increase the water's pH and therefore has some toxic effect on aquatic organisms under certain conditions. |
| Aquatic, comments | Not classified as dangerous for the environment. However, the product must not be discharged into drains or water courses or deposited where it can affect ground or surface waters. |

## 12.2. Persistence and degradability

| | |
|---|---|
| Persistence and degradability description/evaluation | This product does not contain any PBT or vPvB substances. |
| Biodegradability | Comments: The product is not biodegradable. |
| Chemical oxygen demand (COD) | Comments: Not known. |
| Biological oxygen demand (BOD) | Comments: Not known. |
| Persistence and degradability, comments | The product is not biodegradable, but will harden in contact with water. |

## 12.3. Bioaccumulative potential

| | |
|---|---|
| Bioaccumulative potential | No bioaccumulation is indicated. |

## 12.4. Mobility in soil

| | |
|---|---|
| Mobility | Not considered mobile. |
| Surface tension | Comments: Not known. |

## 12.5. Results of PBT and vPvB assessment

| | |
|---|---|
| PBT assessment results | This product does not contain any PBT or vPvB substances. |
| vPvB evaluation results | The product contains no PBT or vPvB substances. |

## 12.6. Other adverse effects

| | |
|---|---|
| Other adverse effects, comments | None known. |
| Environmental details, summation | Do not allow the product to reach ground water, water course or sewage. When the product is used for the specified purpose and handled according to directions, the risk of negative environmental impact is minimal . |

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

| | |
|---|---|
| Specify the appropriate methods of disposal | Do not allow runoff to sewer, waterway or ground. Cured material is not hazardous waste. Dispose of according to local regulations on municipal waste site. Concrete debris and waste can be recycled or used as filling material. The below listed hazardous waste codes (EWC) are a guide. User must set the appropriate EWC code for own specific use. |
| EWC waste code | EWC waste code: 170106 mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances<br>Classified as hazardous waste: Yes<br><br>EWC waste code: 170101 concrete<br>Classified as hazardous waste: No |
| EWL packing | EWC waste code: 150101 paper and cardboard packaging<br>Classified as hazardous waste: No |
| National regulations | Regulation 01.06 2004 nr. 930, on recycling of waste with subsequent amendments. Guidelines (Norsas) on collection and declaration of hazardous waste (2015). |
| NORSAS | 7096 |
| Other information | Empty and cleaned packaging can be recycled. |

## SECTION 14: Transport information

| | |
|---|---|
| Dangerous goods | No |

### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

### 14.7. Maritime transport in bulk according to IMO instruments

### Additional information

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

## SECTION 15: Regulatory information

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

| | |
|---|---|
| Assessed restrictions | By assessment no identified restrictions. |
| Restriction of chemicals according to Annex XVII (REACH) | No restrictions identified. |
| Other labelling requirements | No other labeling requirements. |
| References (laws/regulations) | EU Regulation No. 1907/2006 (REACH) Title IV, art. 31 and Annex II.<br>EU Regulation on classification labeling and packaging of substances and preparations (abbreviated CLP) (EC)) No 1272/2008<br>Annex XIV - List of substances subject to authorization. Substances that give great cause for concern.<br>Annex XVII - Restrictions on the production, marketing and use of certain hazardous substances.<br>Regulation 704 on occupational limit values with changes.<br>EU Waste regulation (EU) nr. 413/2010 with changes<br>ADR / RID 2017 Regulation No. 384 01 April 2009. |
| Declaration No. | 23747 |

### 15.2. Chemical safety assessment

| | |
|---|---|
| Chemical safety assessment performed | No |
| Chemical safety assessment | Not determined. |
| Exposure scenarios for mixture | No |

## SECTION 16: Other information

| | |
|---|---|
| Supplier's notes | Information provided in the safety data sheet is prepared on the basis of information supplied by subcontractors, and according to information in our possession at the last entered revision date. The information is to be regarded as guidelines for safe use, processing, storage and transportation. It is assumed that the product is used in accordance with the description on the packaging or in the technical data sheet/product data sheet prepared by Hey'di AS. Any other use of the product, if necessary in combination with other products or processes are not recommended, unless otherwise agreed with Hey'di AS. |
| List of relevant H-phrases (Section 2 and 3) | H315 Causes skin irritation.<br>H318 Causes serious eye damage.<br>H335 May cause respiratory irritation. |
| Last update date | 15.12.2015 |
| Version | 1 |
| Prepared by | Marit Taraldset |
| Positive Ecolabelling | Ecolabel name: Svanen<br>Expiration date: 2021-06-30<br>Licence No.: 2097 0015 |
| NOBB No. | 22339105, 22339113, 22339121 |
| URL for user guide | http://www.heydi.no/ |
| URL for brochure | http://www.heydi.no/ |
| URL for technical data | http://www.heydi.no/ |