

HYDRO-G5 / COMPONENT-1

MATERIAL SAFETY DATA SHEET (MSDS)

It has been prepared in accordance with the "Regulation on Safety Data Sheets of Harmful Substances and Mixtures of the Ministry of Environment and Forestry" dated 13 December 2014 and numbered 29204.

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY / OWNER

1.1. Identification of the substance / mixture

Product's Trade Name: HYDRO-G5 / Component-1 / Semiflex Water Isolation Product

Identified uses of the substance or mixture and non-recommended uses

Use Cement and polymer emulsion based, antibacterial, highly water repellent, modified with special additives, two-component, semi-flexible, water proofing material (TS EN 1504-2:03.2005 / Principle: 2.2(C); 8.2(C))

Not recommended No information available.

1.2. Safety information form supplier information

Suppliers

NUR KİREÇ SAN. TİC. VE PAZ. LTD. ŞTİ.

Address: Çimento Bulvarı No.13 Yüreğir / Adana/ Türkiye

Tel: +90 322 332 96 46

E-Mail: nurkirec@nurkirec.com.tr

Contact person

NUR KİREÇ SAN. TİC. VE PAZ. LTD ŞTİ. Tel: +90 322 332 96 46

1.4. Emergency telephone number Nur Kireç : +90 322 332 96 46

National Poison Information Center (ERA): 114 Emergency Medical Services: 112 Police: 155 Gendarmerie: 156

2 DANGEROUS DESCRIPTION

2.1 Classification of substance and mixture



Classification (27092 T.C.)

GHS07 GHS08

Physical and chemical hazards -

Human health
environment

Not classified.

Classification (T.C 28848/2013)

The full text for all (H) Clauses and P phrases is given in Section 16.

2.2. Label elements

Specific marking of certain mixtures: See section 15 for labeling according to (T.C. 27092).

Labeling according to T.C 28848/2013:

Warning word (CLP) : Danger

Harmony Statement (CLP) : H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H373: May cause damage to organs through prolonged or repeated exposure.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P305+P351+P338: In case of contact with eyes, rinse carefully with water a few

minutes. If easy and possible, remove contact lenses. Continue rinsing.

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Materials

Not applicable

3.2. Mixture

Substance or Compound	Content	CAS No.	Ec No.	Classification
PORTLAND CEMENT	30-50%	65997-15-1	266-043-4	-
SILICA	50-70%	14808-60-7	215-684-8	GHS08, GHS07, H315, H319, H335, H373

Full Text For All (H) Clauses.

About the sequence

The data were last T.C and A.B. In accordance with the regulations.

4 FIRST AID MEASURES

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4.1. Explanation of first aid measures

BREATHING:

There is no known danger. However, if the person becomes ill, remove the person immediately to the open air. If discomfort persists consult doctor

SWALLOWING:

Do not let it puke. Rinse mouth immediately. For a few glasses of milk or water. Contact a doctor immediately

SKIN:

Remove the jumped or dirty suit immediately. Prevent reuse without cleaning dirty clothes.

EYES:

Immediately wash with eyewash keeping the eyelids open. If there is an uncomfortable development, consult a doctor. Keep pausing

4.2. Acute and delayed symptoms and effects

Breathing: Irritating to upper respiratory tract.

Swallowing: Nausea, vomiting.

Skin contact: In case of long-term contact, it may cause redness, irritation and skin dryness.

Eye contact: Irritation of eyes and mucous membranes.

4.3. First signs for medical intervention and special treatment

No specific treatment is offered. Treat according to symptoms.

5 FIRE PRECAUTIONS

5.1. Fire extinguisher

Extinguish with carbon dioxide, dry powder or water spray.

5.2. Specific losses arising from the substance or mixture

Special hazards

The product is not flammable, but follow the instructions below for any other reason.

5.3. Recommendations for fire fighting teams

Fight large or advanced fires from a safe distance or from a protected area. Remember that there is a risk of fire and explosion in the first place. Remember that there is a risk of formation of toxic and corrosive gasses.

In the event of a small fire, if the fire does not reach the explosive, remove the products from the area where the fire is spreading. Prevent the fire from reaching the product by using all possible fire fighting tools (water, existing fire-extinguishing materials).

Do not attempt to fight fires involving explosives. Evacuate entire personnel to a pre-determined safe zone. Protective equipment Wear full protective clothing. Use breathing apparatus with air in the fighting zone. Protective face mask, protective gloves and safety helmet.

6 ACCIDENT PREVENTION MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as shown in section 8 of this safety data sheet. Avoid contact with skin and eyes. Provide good ventilation.

6.2. Environmental Precautions

Do not pour into sewer, earth or waterways.

6.3. Methods and materials for preservation and cleaning

Install the necessary protective device. Ventilate. To put it in cups and securely close it. Place the wicket securely / securely.

6.4. References to other sections

See Section 8 for personal protection. See Section 11 for additional information on damage to health. See Section 13 for the disposal of waste.

7 HANDLING AND STORAGE

7.1. Precautions for safe handling

Read the manufacturer's recommendations and follow them. Avoid contact with skin and eyes. Do not eat, drink or smoke during use. Consider the necessary chemical hygiene measures.

7.2. Conditions for safe storage, including disputes

Keep away from food, beverages and animal feed. Protect from physical damage and / or rubbing. Store in a cool, well ventilated place. Store in a cool place. Do not store near heat producing places, do not expose to high temperature. Keep away from strong shocks.

7.3. Specific end-uses

The defined uses of this product are detailed in Section 1.2.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

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Does not contain substances with an exposure limit

8.2. Exposure controls**Personal Protective Equipment:****Process Conditions:**

Eye wash area, provide safety shower.

Technical Measures:

Ensure proper ventilation. Pay attention to the exposure limits of the product and lower the risk of inhalation of dust. General and local exhaust ventilation with padding protection.

Respiratory protective measures:

Use suitable breathing protection. No need during daily handling and use.

Protection of hands:

Use gloves made of nitrile rubber, PVA or Viton. Recommended gloves should be selected in consultation with the glove dispenser. The glove material may provide information on the permeability / degradation time of the glove material.

Eye Protection:

Protection glasses / face order is recommended.

Health Precautions:

DO NOT INSIDE SMOKING PLACES! Do not eat, drink or smoke during use. Separate detached clothes and wash before using again.

Skin protection: Wear gown or protective clothing in case of contact.

9 PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

APPEARANCE	Grey Grains
DENSITY	1,4 ± 0,1 g/cm ³ (varies according to particle size)
SOLUBILITY	Soluble
ODOR	Odorless
MIXTURE pH	12,4 (Saturated Mixture)
BURNING POINT	-
INITIAL ADHESION STRENGTH	≥ 0,5 N/mm ²
ADHESION STRENGTH AFTER IMMERSION BY WATER	≥ 0,5 N/mm ²
ADHESION STRENGTH AFTER IMMERSION BY HEAT	≥ 0,5 N/mm ²
ADHESION STRENGTH AFTER FREEZE-THAW	≥ 0,5 N/mm ²
ADHESION STRENGTH AFTER CONTACT WITH LIME WATER	≥ 0,5 N/mm ²
ADHESION STRENGTH AFTER CONTACT WITH CHLORINATED WATER	≥ 0,5 N/mm ²
WATER IMPERMEABILITY	≤ 20 g (no penetration)
CRACK BRIDGING	≥ 0,75 mm (20°C)
GRAIN SIZE (1 mm SIEVE OVER)	≤ 1,0 %

9.2 Other informations

No information.

10 STABILITY AND REACTIVITY**10.1. Reaction**

The product is stable under normal handling and storage conditions.

10.2. Chemical stability Avoid doing this:

Shock and physical damage. Contact with repellent.

10.3. Hazardous reaction possibility

No information.

10.4. Situations to avoid

-

10.5. Substances to avoid

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10.6. Hazardous products**11 TOXICOLOGY INFORMATION****11.1 Toxicological Information**

No information.

Breathing

It can irritate the respiratory system.

Swallowing

It can cause discomfort if swallowed. Gastro-intestinal discomfort including nausea symptoms.

Contact with skin

It can cause redness and irritation after prolonged and frequent contact.

Contact with eyes

It irritates eyes.

12 ECOLOGICAL INFORMATION**12.1. toxicity**

The substances in the product are not classified as dangerous for the environment. However, it is not possible to ignore the possibility that large quantities or frequent spills can damage the environment.

12.2. Persistence and degradability

There is no information on the biodegradability of the product.

12.3. Potential for bioaccumulation

There is no data on biological accumulation.

12.4. Mobility in Soil

Completely soluble in water

12.5. Results of PBT and vPvB evaluation

It does not contain any components that are evaluated as PBT and vPvB.

12.6. Other adverse effects

Aquatic life can be dangerous.

13 DISPOSAL INFORMATION**General information**

Waste should be treated as control waste. As indicated by the local waste disposal authorities, licensed wastes are disposed of in accordance with the provisions of regulation 87/12028.

13.1. Waste treatment methods

Dispose of garbage and waste in accordance with local regulations. Contact specialist disposal companies.

14 TRANSPORT INFORMATION

The product is not restricted as dangerous product in accordance with ADR, RID, IMDG and IATA Transport Regulations.

There is no harm in transporting.

LABEL FOR TRANSPORT:**14.1. UN Number**

GGVS, GGVE, ADR, RID

Class :

14.2. Proper UN transport name

Proper Shipping name

14.3. Transport hazard class (es)

ADR / RID / ADN class

ADR Label NO.

IMDG Class

ICAO Class

Transport Labels

14.4. Packing group

Not applicable.

14.5. Environmental damage

No.

14.6. Special precautions for the user

Not applicable.

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14.7. Public transport according to MARPOL 73/78 annex II and IBC code

It does not fall into the category of dangerous goods according to the transport regulations.

15 REGULATORY INFORMATION



GHS07 GHS08

Labeling (27092 T.C.)

National Regulations

- Regulation on Restrictions on Production, Placement on the Market and Use of Certain Hazardous Substances, Preparations and Articles.
- Regulation on Health and Safety Precautions in Working with Chemicals.
- Regulation on the Use of Personal Protective Equipment at Workplaces.
- Occupational Health and Safety Law No. 6331.
- Hazardous Waste Control Regulation.

16 OTHER INFORMATIONS

Information Sources

This is arranged according to the information received from the GBF product owner.

Revision Statement Rev.

Certificate No: TÜV / 11.25.04

Document Date: 02.01.2020

Certificate Valid until: 02.01.2025

Turkish Edited by Handan KAVİ - Certified Chemical Assessment Expert

Contact: 0532 477 64 38

New regulation date 14.12.2020

Date of preparation 14.12.2020

How many arrangement 00

Warning word (CLP)

Harmony Statement (CLP)

: Danger

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ADDITIONAL INFO

This GBF is valid for up to 3 years in terms of legislative requirements. After this date, the new version which has been updated according to the new classification and labeling provisions must be used.

DISCLAIMER

This information relates only to a specific material, and should not be used in combination with any other material or in combination with any other material. The information provided in this document is accurate and reliable as of the date indicated, at the highest level of knowledge and opinion of the company. It is the user's own responsibility to be convinced of its suitability.

This information is based on our current knowledge and is intended to define the health, safety and environmental requirements of the product. For this reason, this information should not be construed as an assurance of any property of the product.



Sertifika

TÜV
AUSTRIA

Sn. HANDAN KAVİ

"Kimyasalların Kaydı, Değerlendirilmesi, İzni ve Kısıtlanması Hakkında Yönetmelik" kapsamında onaylı belgelendirme programına (*) uygun olarak ve yetkili belgelendirme kurumu

TÜV AUSTRIA Personel Belgelendirme Eğitim Ltd. Şti.

tarafından gerçekleştirilen 64 saatlik eğitime eksiksiz katılım ve 19/12/2019 tarihinde

İstanbul'da düzenlenen değerlendirme sınavında gerekli başarıyı sağlayarak

KİMYASAL DEĞERLENDİRME UZMANI

belgesini almaya hak kazanmıştır.

Program	Kimyasal Değerlendirme Uzmanı
Geçerlilik Tarihi (**)	2 Ocak 2025
Sertifika Numarası & Tarih	TÜV/11.25.04 & 2 Ocak 2020

Belgelendirme Müdürü
Bülent ÜNLÜKALAYCI



Hydro G5

This certificate is only one (1) product valid.

TÜV AUSTRIA

Personel Belgelendirme Eğitim Ltd. Şti.

(*) Belgelendirme Programı: T.C. Çevre ve Şehircilik Bakanlığı tarafından 23.06.2017 tarihli ve 30105 sayılı Resmi Gazete'de yayınlanan "Kimyasalların Kaydı, Değerlendirilmesi, İzni ve Kısıtlanması Hakkında Yönetmelik" gerekliliklerine göre oluşturulmuş ve 27.02.2018 tarihli, 21408564-135.99-E.33825 sayılı yazı ile "T.C. Çevre ve Şehircilik Bakanlığı Çevre Yönetimi Genel Müdürlüğü" tarafından onaylanmış M11 no'lu belgelendirme programı.

(**) Bu sertifikanın geçerliliği TÜV AUSTRIA Personel Belgelendirme kurallarına uyulması ve yapılacak olan gözetim sonuçlarının olumlu geçmesine bağlıdır. Sertifika geçerlilik kontrolü için "www.tuvaustria.org/Belgeli Personel Arama" ziyaret ediniz.



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