EWIPRO
Render Systems

NANO DREX PROTECT RENDER GUARD EWI-085

SAFETY SHEET

According to 1907/2006/EC, Article 31

Revision: 25.02.2025 Printing date 00.00.0000 Version number: RO/ 4

EWIPRO Render Systems

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 PRODUCT IDENTIFIER

Product form: Mixture
Product name: EWI-086 Nano Drex Protect Brick Guard
Product code: EWI-086
Type of product: Primer

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Application of the substance Product for an industrial, technical and private use for coating building surfaces.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Manufacturer:
EWI Pro Insulation Systems Ltd
Unit 1-2, King Georges Trading Estate, Davis Road, Chessington, England, KT9 1TT
0800 133 7072
info@ewipro.com
technical@ewipro.com

Producer:
KREISEL - Technika Budowlana Sp. z o.o.
ul. Szarych Szeregów 23
60-462 Poznań
Poland
Tel. +48 (0)61 846 79 00
Fax +48 (0)61 846 79 09
poznan@kreisel.pl / kreisel.pl

1.4 EXTERNAL EMERGENCY CONTACTS

Environment Agency Emergency Hotline: +44/(0)800 80 70 60
Emergency Services (UK): Emergency 999

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification under CLP: Classification according to Regulation (EC) No 1272/2008.The product is not classified according to the CLP regulation.
Most important adverse effects:
Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation.

2.2 LABEL ELEMENTS

Hazard statements: Void

Signal words: Void

Precautionary statements: Observe the general safety regulations when handling chemicals.

Additional information: EUH208 Contains 2-Methyl-2H-isothiazol-3-one. May produce an allergic reaction.

2.3 OTHER HAZARDS

This product is not identified as a PBT/vPvB substance.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCE

This product is a mixture.

3.2 MIXTURE

Mixture of binder dispersion, fillers and nonhazardous additions

Dangerous components:

CAS: 2682-20-4 EINECS:220-239-6 REACH: 01-2120764690-50	2-Methyl-2H-isothiazol-3-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.0015 %	< 0.0015%
CAS: 7732-18-5 EINECS: 231-791-2 REACH: [1]	Water	50 - < 100%

Additional information: For the wording of the listed hazard phrases refer to section 16. [1] Not subject to registration in accordance with EC 1907/2006 Annex V (point 7) or Article 2.

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
Eye contact: Rinse the eye with running water for 15 minutes. Do not rub eyes, as additional cornea damage is possible by mechanical stress. Contact a specialist of occupational medicine or an eye specialist.
Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Get medical attention if any discomfort continues.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If symptoms develop, seek medical attention.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Immediate / special treatment: Eye bathing equipment should be available on the premises. If it is necessary to seek medical attention, this safety data sheet should be presented to the medical professional.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

The mixture is fire resistant in both delivery condition and mixed condition. In the event of a fire, the mixture will not need extinguishing.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

This product is neither explosive nor flammable, and non-oxidizing with other materials. Particular danger of slipping on product.

5.3 ADVICE FOR FIRE-FIGHTERS

No special measures required. Collect contaminated fire fighting water separately. It must not enter the sewage system. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

If appropriate, reference must be made to exposure controls and personal protection (see section 8).

6.2 ENVIRONMENTAL PRECAUTIONS

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.

6.4 REFERENCE TO OTHER SECTIONS

See S7 for information on safe handling. See S8 for information on personal protection equipment. See S13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. People with skin diseases or other hypersensitivity reactions of the skin, should not handle the product. Washing facilities / water for cleaning eyes and skin should be available.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage conditions: Store in a cool, well-ventilated area. Keep the container tightly closed. Protect from frost. Protect from heat and direct sunlight.
Suitable packaging: Must only be kept in original packaging.
Storage temperature: Minimum storage temperature (+5 °C up to 25 °C): See indication on package.

7.3 SPECIFIC END USE(S)

Specific end use(s): No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Hazardous ingredients: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional information: During manufacture, the valid lists were used as a guidance only.

DNELs		
2682-20-4 2-Methyl-2H-isothiazol-3-one		
Oral	Long term exposure Short term exposure	0.027 mg/kg bw/d (Consumer) 0.053 mg/kg bw/d (Consumer)
Inhalation	Local - Long term exposure Local - Short term exposure	0.021 mg/m³ (Consumer) 0.021 mg/m³ (Employee) Local - Short term exposure 0.34 mg/m³ (Consumer) 0.34 mg/m³ (Employee)

PNECs
2682-20-4 2-Methyl-2H-isothiazol-3-one
PNEC freshwater 0.127 mg/l PNEC sea water 1 mg/l PNEC soil 100 mg/l PNEC sediments freshwater 1000 mg/l PNEC sediments seawater 100 mg/l PNEC sewage plant 100 mg/l

8.2 EXPOSURE CONTROLS

General protective and hygienic measures: For any skin sensitivities use skin protection cream. Avoid close or long term contact with the skin. Avoid contact with the eyes. Wash hands before breaks and at the end of work. Keep away from food and drink. Do not sniff the product.
Respiratory protection: Use suitable respiratory protective device only when aerosol or mist is formed (FFP2 according to EN 149)
Protection of hands: Hand protection: Chemical resistant protective gloves according EN 374
The glove material has to be impermeable and resistant to the product. No recommendation to the glove material can be given for the product. Select the glove material on consideration of the penetration times, rates of diffusion and the degradation. Check protective gloves are in good condition before each use. Preventative skin protection by use of skinprotecting agents is recommended. To avoid skin problems reduce the wearing of gloves to the required minimum.
P**enetration time of glove material:** Check with the glove manufacturer for exact break through times.
Gloves made of the following materials are suitable: Nitrile rubber, NBR gloves Synthetic rubber gloves PVC gloves Recommended thickness of the material: ≥ 0,15mm.
Gloves made of the following materials are not suitable: Leather gloves
Eye protection: In case of splash risk use tightly fitting safety goggles according to EN 166.
Body protection: Protective work clothing.

Risk management measures: Operator training in the correct use of personal protective equipment is necessary to ensure the required level of effectiveness.

Avoid release into the environment. Use the surplus or dispose of properly.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

State: Fluid
Colour: Whitish
Odour: Mild
Evaporation rate: Not applicable.
Oxidising: Does not support burning.
Solubility in water: Fully miscible.
Also soluble in: No data available.

Viscosity: > 1000 mPas.
Viscosity test method: Not applicable.
Boiling point/range°C: 100 °C (212 °F).
Melting point/range°C: Not determined.
Flammability limits %:
lower: Not determined.
upper: Not determined.

Flash point°C: Not applicable.
Part.coeff. n-octanol/water: Not applicable.
Autoflammability°C: Not applicable.
Vapour pressure: 23 hPa (17 mm Hg).
Relative density: ca. 1.5 g/cm³ (ca. 12.518 lbs/gal)
pH: 7-8.
VOC g/l: 0%.

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

No dangerous reactions known.

10.2. CHEMICAL STABILITY

The product is stable as long as it is stored properly and kept dry.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reactions known.

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 dangerous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

The product was not investigated. The statement is derived from the properties of the single components.
Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:		
2682-20-4 2-Methyl-2H-isothiazol-3-one		
Oral	LD50	232 - 249 mg/kg (Rat) (OECD 401)
Dermal	LD50	242 mg/kg (Rat) (OECD 402)
Inhalation	LC50 (4h) LC50 (4h)	0.05 mg/l (ATE) 0.11 mg/l (Rat) (OECD 403)

Continued on next page.

Other information (about this experimental toxicology):		
2682-20-4 2-Methyl-2H-isothiazol-3-one		
Oral	OECD 408 (Repeated dose oral toxicity 90d)	19 mg/kg bw/day (Rat)
Irritaiton of skin	OECD 404 (Skin)	(Rabbit) Corrosive
Sensitisation	OECD 406 (Sensitization)	(Guinea Pig) Sensitizing

Sensitization: Sensitising effect by skin contact is possible by prolonged exposure.
Practical experience: No further relevant information available.
General comments: No further relevant information available.

Primary irritant effect:

On the skin: Based on available data, the classification criteria are not met.
On the eye: Based on available data, the classification criteria are not met.
Sensitisation: Sensitising effect by skin contact is possible by prolonged exposure.
Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.

11.2 PRACTICAL EXPERIENCE

No further relevant information available.

11.3 GENERAL COMMENTS

No further relevant information available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

The product was not investigated. The statement is derived from the properties of the single components.

Aquatic toxicity:	
2682-20-4 2-Methyl-2H-isothiazol-3-one	
LC50 (96h Marine Water)	2.98 mg/l (Water flea - daphnia magma)
LC50 (96h Fresh Water)	0.934 mg/l (Water flea - daphnia magma)
LC50	4.77 mg/l (Fish) (OECD 203)
EC10	0.044 mg/l (Water flea - daphnia magma) (OECD 211) 4.03 mg/l (Fish)
EC50	41 mg/l (Activiated sewage sludge) (OECD 209) 0.103 mg/l (Algae - pseudokirchneriella subcapitata) (OECD 201)
Ec50 (16h)	2.3 mg/l (Pseudomonas putida)

12.2 PERSISTENCE AND DEGRADABILITY

A part of the components is biodegradable.

12.3 BIOACCUMULATIVE POTENTIAL

No further revelant information available.

12.4 MOBILITY IN SOIL

No further relevant information available.

12.5 RESULTS OF PBT AND vPvB ASSESSMENT

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6 ENDOCRINE DISRUPTING PROPERTIES

This product is not contain substances with endocrine disrupting properties.

12.7 OTHER ADVERSE EFFECTS

Literature: No further relevant information available.

Ecotoxical effects: No further relevant information available.

Behaviour in sewage processing plants:	
2682-20-4 2-Methyl-2H-isothiazol-3-one	
EC20 (3h)	2.8 mg/l (Activated sludge organisms) (DIN 38412-3 TTC-Test)

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.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Disposal operations: Transfer to a suitable container and arrange for collection by a specialised disposal company.
Recovery operations: No information available.
Disposal of packaging: Dispose of as normal industrial waste.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

13.2 UNCLEANED PACKAGING

Recommendation: Disposal must be made according to official regulations. Recycle only completely emptied packaging.
Recommended cleansing agents: Water and/or cleansing agents.

SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER

ADR, ADN, IMDG, IATA VOID

14.2 UN PROPER SHIPPING NAME

ADR, ADN, IMDG, IATA VOID

14.3 TRANSPORT HAZARD CLASS(ES)

ADR, ADN, IMDG, IATA Class VOID

14.4 PACKING GROUP

ADR, IMDG, IATA VOID

14.5 ENVIRONMENTAL HAZARDS

Marine pollutant: NO

14.6 SPECIAL PRECAUTIONS FOR USER

Not applicable.

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL AND THE IBC CODE

Not applicable.

UN "MODEL REGULATION":

VOID

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS/ LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Observe the general safety regulations when handling chemicals.
Directive 2012/18/EU
Named dangerous substances - ANNEX I: None of the ingredients are listed.
National regulations: Biozide ingredients (98/8/EG): Data based on recipe and information on the raw materials from the supply chain.
Classification according 2004/42/EG: IIA(a) 30 - This product contains < 30 g/l VOC (see chapter 9)
Technical Rules for Hazardous Substances 900 - Workplace exposure limits (TRGS 900,Germany)

Tetramethylolacetylene diurea	<0.03%
2682-20-4 2-Methyl-2H-isothiazol-3-one	<0.0015%

15.2 CHEMICAL SAFETY ASSESSMENT

A chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

Reasons for changes:
* Data compared to the previous version altered.

Relevant Phrases
H301: Toxic if swallowed.
H311: Toxic in contact with skin.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H330: Fatal if inhaled.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (RegulationsConcerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
MAK: Maximale Arbeitsplatz-Konzentration (maximum concentration of a chemical substance in the workplace, Austria/Germany)
PBT: persistent, bioaccumulative and toxic properties
vPvB: very persistent, bioaccumulatice properties
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

Continued on next page.

IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 2: Acute toxicity – Category 2
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Further information:
The information in this safety data sheet describe the safety requirements of our product and is based on our current state of our knowledge. They provide no assurance of product quality. Existing laws, ordinances and regulations, including those that are not mentioned in this data sheet must be observed by the recipient of our products in their own responsibility.

EWIPRO
Render Systems

Address:
Unit 1-2 King George's Trading Estate,
Davis Road,
Chessington,
England,
KT9 1TT

Email:
info@ewipro.com

Phone:
0800 133 7072

EWIPRO

www.ewipro.com