

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

**Trade name :** 4TECX Grondverf  
4039000016, --28, --32, --40, --52, --56  
**Revision date :** 06.09.2023  
**Version (Revision) :** 19.1.0 (19.0.0)  
**Print date :** 18-09-2023



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

### 1.1 Product identifier

4TECX Grondverf  
4039000016, --28, --32, --40, --52, --56  
Unique Formula Identifier : 7HX2-A037-Y004-UVEV

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

**Relevant identified uses**

Primer

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

**Supplier:**

Zevij-Necomij B.V.

**Street :** Postbus 447

**Postal code/City :** 4900 AK Oosterhout

**Telephone :** 0162-426917

**Telefax :** 0162-432553

**Information contact :** msds@globalpaint.com

### 1.4 Emergency telephone number

Nationaal Vergiftigingen Informatie Centrum: 088-7558000; Only for the purpose of informing medical personnel in cases of acute intoxications

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

Flam. Liq. 3 ; H226 - Flammable liquids : Category 3 ; Flammable liquid and vapour.

STOT SE 3 ; H336 - STOT-single exposure : Category 3 ; May cause drowsiness or dizziness.

**Classification procedure**

Calculation method.

### 2.2 Label elements

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

**Hazard pictograms**



Flame (GHS02) · Exclamation mark (GHS07)

**Signal word**

Warning

**Hazard components for labelling**

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

**Hazard statements**

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

**Precautionary statements**

P102 Keep out of reach of children.

P103 Read label before use.

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P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P312 Call a doctor if you feel unwell.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P501 Dispose of contents/container in accordance with national/international regulations.

### Special rules for supplemental label elements for certain mixtures

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

## 2.3 Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS ; REACH No. : 01-2119463258-33 ; EC No. : 919-857-5

Weight fraction :  $\geq 25$  - < 50 %

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Asp. Tox. 1 ; H304 STOT SE 3 ; H336

#### Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Never give anything by mouth to an unconscious person or a person with cramps. If unconscious but breathing normally, place in recovery position and seek medical advice.

#### Following inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

#### In case of skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not wash with: Solvents/Thinner

#### After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

#### Following ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

No information available.

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

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

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alcohol resistant foam Carbon dioxide (CO2) Extinguishing powder Water mist

## Unsuitable extinguishing media

Strong water jet

## 5.2 Special hazards arising from the substance or mixture

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

## Hazardous combustion products

Carbon monoxide Carbon dioxide (CO2) Nitrogen oxides (NOx)

## 5.3 Advice for firefighters

Cool endangered containers with water in case of fire. Do not allow run-off from fire-fighting to enter drains or water courses.

## Special protective equipment for firefighters

Use suitable breathing apparatus.

## SECTION 6: Accidental release measures

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

Remove all sources of ignition. Do not inhale the vapour. See protective measures under point 7 and 8.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Prevent spread over a wide area (e.g. by containment or oil barriers). Clear spills immediately. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean with detergents. Avoid solvent cleaners.

### 6.4 Reference to other sections

None

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothes. Do not breathe gas/vapour/aerosol. When using do not eat, drink, smoke. See chapter 8 of the safety data sheet (Personal protection equipment) Never use pressure to empty container. Keep/Store only in original container. Comply with the health and safety at work laws. Do not allow to enter ground-water, surface water or drains, even not in small quantities.

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

#### Packaging materials

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

#### Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place. Store between +5 and 35 °C in a dry, well ventilated place away from sources of heat and direct sunlight. When using do not smoke. Only allow access to authorised staff. Prevent leaks and prevent soil / water pollution caused by leaks.

### 7.3 Specific end use(s)

#### Recommendation

None

#### Industrial sector specific solutions

None

## SECTION 8: Exposure controls/personal protection

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## 8.1 Control parameters

### DNEL-/PNEC-values

#### DNEL/DMEL

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

Limit value type :	DNEL/DMEL (Consumer)
Exposure route :	Dermal
Exposure frequency :	Long-term
Limit value :	300 ppm
Limit value type :	DNEL/DMEL (Consumer)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	900 mg/m <sup>3</sup>
Limit value type :	DNEL/DMEL (Consumer)
Exposure route :	Oral
Exposure frequency :	Long-term
Limit value :	300 ppm
Limit value type :	DNEL/DMEL (Industrial)
Exposure route :	Dermal
Exposure frequency :	Long-term
Limit value :	300 ppm
Limit value type :	DNEL/DMEL (Industrial)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	1500 mg/m <sup>3</sup>

## 8.2 Exposure controls

### Appropriate engineering controls

Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.

### Personal protection equipment

#### Eye/face protection

##### Suitable eye protection

Use tightly fitting safety glasses.

#### Skin protection

##### Hand protection

Use protective gloves.

**Suitable material :** NBR (Nitrile rubber)

**Required properties :** EN ISO 374

**Breakthrough time :** 480 min

**Thickness of the glove material :** ±0.1 / 0.4 mm

**Additional hand protection measures :** Check protective gloves before each use concerning their normal condition. Use skin cleaning and skin care products after using the gloves.

##### Body protection

Body protection: not required.

#### Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Suitable respiratory protection apparatus: Respiratory protection hood; Filtering device (full mask or mouthpiece) with filter: A

### Environmental exposure controls

Do not allow to enter into surface water or drains.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**PCN Colour :** white

#### Safety characteristics

<b>Physical state :</b>			Liquid
<b>Colour :</b>			white
<b>Odour :</b>			Like solvent.
<b>Odour threshold :</b>			No data available
<b>pH :</b>			No data available
<b>Melting point/freezing point :</b>			No data available
<b>Initial boiling point and boiling range :</b>			No data available
<b>Initial boiling point and boiling range :</b>	( 1013 hPa )		No data available
<b>Flash point :</b>		approx.	44 °C
<b>Vapourisation rate :</b>			No data available
<b>Flammability :</b>			No data available
<b>Lower explosion limit :</b>			No data available
<b>Upper explosion limit :</b>			No data available
<b>Lower explosion limit :</b>			No data available
<b>Upper explosion limit :</b>			No data available
<b>Vapour pressure :</b>	( 20 °C )		No data available
<b>Relative vapour density :</b>	( 20 °C )		No data available
<b>Density :</b>	( 20 °C )		1,3 - 1,4 g/cm <sup>3</sup>
<b>Water solubility :</b>	( 20 °C )		0 Weight-%
<b>log P O/W :</b>			No data available
<b>Auto-ignition temperature :</b>			No data available
<b>Decomposition temperature :</b>			No data available
<b>Flow time :</b>	( 23 °C )	>	60 s ISO cup 6 mm
<b>Cinematic viscosity :</b>	( 40 °C )	>	22,5 mm <sup>2</sup> /s
<b>Explosive properties :</b>			No data available
<b>Oxidising properties :</b>			No data available

The product has not been tested on the properties that are listed on the safety data sheet as "No data available".

### 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions(See section 7).

### 10.3 Possibility of hazardous reactions

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### 10.4 Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

Carbon dioxide. Carbon monoxide Nitrogen oxides (NOx).

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## SECTION 11: Toxicological information

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

#### Acute toxicity

##### Acute oral toxicity

Parameter : LD50 ( HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS )  
Exposure route : Oral  
Species : Rat  
Effective dose : > 5000 mg/kg

##### Acute dermal toxicity

Parameter : LD50 ( HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS )  
Exposure route : Dermal  
Species : Rabbit  
Effective dose : > 5000 mg/kg

##### Acute inhalation toxicity

Parameter : LC50 ( HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS )  
Exposure route : Inhalation  
Species : Rat  
Effective dose : > 4951 mg/m<sup>3</sup>

### 11.2 Information on other hazards

No information available.

## SECTION 12: Ecological information

Avoid release to the environment. Refer to special instructions/safety data sheet.

### 12.1 Toxicity

No information available.

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6 Endocrine disrupting properties

No information available.

### 12.7 Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Avoid release to the environment. Refer to special instructions/safety data sheet. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste. Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

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## SECTION 14: Transport information

### 14.1 UN number

UN 1263

### 14.2 UN proper shipping name

**Land transport (ADR/RID)**

PAINT

**Sea transport (IMDG)**

PAINT

**Air transport (ICAO-TI / IATA-DGR)**

PAINT

### 14.3 Transport hazard class(es)

**Land transport (ADR/RID)**

**Class(es) :** 3

**Classification code :** F1

**Hazard identification number (Kemler**

**No.) :** 30

**Tunnel restriction code :** D/E

**Special provisions :** LQ 5 I · E 1 · Transport in containers with max. 450 litres contents are not subject to the regulations of ADR/RID.

**Hazard label(s) :** 3

**Sea transport (IMDG)**

**Class(es) :** 3

**EmS-No. :** F-E / ~~S-E~~

**Special provisions :** LQ 5 I · E 1 · IMDG 2.3.2.5 (<= 450 l)

**Hazard label(s) :** 3

**Air transport (ICAO-TI / IATA-DGR)**

**Class(es) :** 3

**Special provisions :** E 1

**Hazard label(s) :** 3

### 14.4 Packing group

III

### 14.5 Environmental hazards

**Land transport (ADR/RID) :** No

**Sea transport (IMDG) :** No

**Air transport (ICAO-TI / IATA-DGR) :** No

### 14.6 Special precautions for user

None

## SECTION 15: Regulatory information

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

**EU legislation**

EU limit value for this product (cat. A/i): 500 g/l (2010). This product contains less than 500 g/l VOC.

**Authorisations and/or restrictions on use**

**Restrictions on use**

**Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)**

Use restriction according to REACH annex XVII, no. : 3, 40, 75

**National regulations**

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Oplosmiddelrijk; voldoet voor professioneel gebruik binnen niet aan arbo

## 15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### 16.1 Indication of changes

15. Restrictions on use

### 16.2 Abbreviations and acronyms

ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road  
ASTM = American Society of Testing and Materials (US)  
CAS No = Chemical Abstracts Service Number (see ACS - American Chemical Society)  
DNEL = Derived No-Effect Level  
DT50 = Time for 50% loss; half-life  
EbC50 = Median effective concentration (biomass, e.g. of algae)  
EC50 = Median effective concentration  
EINECS = European Inventory of Existing Commercial Chemical Substance  
ELINCS = European List of Notified (New) Chemicals (see Tab 7, Background - Guide)  
ErC50 = Median effective concentration (growth rate, e.g. of algae)  
EWC = European Waste Catalogue  
IATA = International Air Transport Association  
IC50 = Concentration that produces 50% inhibition  
IMDG = International Maritime Dangerous Goods Code  
IMO = International Maritime Organization  
LC50 = Concentration required to kill 50% of test organisms  
LD50 = Dose required to kill 50% of test organisms  
LEL = Lower Explosive Limit/Lower Explosion Limit  
LOAEL = Lowest observed adverse effect level  
MRL = Maximum Residue Limit  
NOAEL = No Observed Adverse Effect Level  
NOEC = No observed effect concentration  
NOEL = No Observable Effect Level  
OEL = Occupational Exposure Limits  
PBT = Persistent, Bioaccumulative or Toxic  
PNEC = Predicted Non Effect Concentration  
STEL = Short-Term Exposure Limit  
TWA = Time-Weighted Average  
vPvB = Very Persistent and Very Bioaccumulative

### 16.3 Key literature references and sources for data

None

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

No information available.

### 16.5 Relevant H- and EUH-phrases (Number and full text)

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.

### 16.6 Training advice

None

### 16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day



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knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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