



Safety Data Sheet

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

according to Regulation (EU) No 453/2010

Article no.: 51000170

Date of print: 12.08.2011

version: 12.0

TREDONIT 300

Revision date: 12.08.2011 EN

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1. Identification of the substance/ preparation and of the company/ undertaking

1.1. Product identifiers:

Article no. (manufacturer / supplier):

Identification of the substance or preparation:

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

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/downstream user/distributor):

Promain UK Limited

Telephone: 01462 421 333

Telefax: 01462 421 337

E-mail info@promain.co.uk

1.4. Emergency telephone number

Emergency telephone: +49 4124 606 140

Only available during office hours.

2. Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

The preparation is dangerous in the sense of Directive 1999/45/EC.

R10 Flammable.

N; R51-53 Dangerous for the environment Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

2.2. Label elements

Labelling (67/548/EEC or 1999/45/EC)

N Dangerous for the environment

Hazard Statements:

10 Flammable.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

Safety precautions:

24 Avoid contact with skin.

38 In case of insufficient ventilation, wear suitable respiratory equipment.

51 Use only in well-ventilated areas.

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

23 Do not breathe vapour.

contains:

n.a.



Special provisions concerning the labelling of certain mixtures

99 Contains 2-butanone oxime; Cobaltbis (2-Ethylhexanoate); 2-ethylhexanoic acid, zirconium salt. May produce an allergic reaction.

2.3. Other hazards

3. Composition/ Information on ingredients

3.2. Mixtures

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chemical characterization (preparation)

Description: Alkydresin-paint

Hazardous ingredients:

Classification according to EC regulation 1272/2008 (CLP):

EC No:	CAS No.:	INDEX no.:	REACH No:
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chemical name:

classification: % by weight

Remark:	928-136-4	64742-82-1
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01-2119484809-19-XXXX

Hydrocarbons, C8-12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Flam. Liq. 3 H226 / Asp. Tox. 1 H304 / STOT SE 3 H336 / Aquatic

Chronic 2 H411

25 - 50

265-150-3

64742-48-9

649-327-00-6

01-2119463258-33-XXXX

Naphtha (petroleum), hydrotreated heavy

Flam. Liq. 3 H226 / Asp. Tox. 1 H304 / STOT SE 3 H336

20 - 25

215-535-7

1330-20-7

601-022-00-9

01-2119488216-32-XXXX

xylene, mixture of isomers

Flam. Liq. 3 H226 / Acute Tox. 4 H332 / Acute Tox. 4 H312 / Skin Irrit. 2

H315

1 - 2,5

245-018-1

22464-99-9 2-Ethylhexansäure, Zirkoniumsalz

Skin Irrit. 2 H315 / Skin Sens. 1 H317

< 0,5

202-496-6

96-29-7

616-014-00-0

01-2119539477-XXXX



2-butanone oxime

Carc. 2 H351 / Acute Tox. 4 H312 / Eye Dam. 1 H318 / Skin Sens. 1 H317
< 0,5

205-250-6

136-52-7 Cobaltbis(2-ethylhexanoat)

Acute Tox. 4 H302 / Skin Sens. 1 H317 / Carc. 2 H351 / Aquatic Acute 1
H400 / Aquatic Chronic 1 H410

< 0,5

Classification according to Directive 67/548/EEC or 1999/45/EC

EC No:

CAS No.:

INDEX no.:

REACH No:

Identification of the hazard:

classification:

% by weight

Remark:

928-136-4 01-2119484809-19-XXXX

Hydrocarbons, C8-12, n-alkanes, isoalkanes, cyclics aromatics (2-25%)

R10 / Xn; R65 / R66 / N; R51-53 / R67

25 - 50

265-150-3

64742-48-9

649-327-00-6

01-2119463258-33-XXXX

Naphta(petroleum),hydroteated heavy, low boiling point, _hydrogen treated
naphta

Xn; R65 / R66 / R67

20 - 25

215-535-7

1330-20-7

601-022-00-9

01-2119488216-32-XXXX

xylene, mixture of isomers

R10 / Xn; R20/21 / Xi; R38

1 - 2,5

245-018-1

22464-99-9 2-ethylhexanoic acid, zirconium salt

Xi; R38 / R43

< 0,5

202-496-6

96-29-7

616-014-00-0

01-2119539477-XXXX

2-butanone oxime

Carc.Cat.3; R40 / Xn; R21 / Xi; R41 / R43

< 0,5

205-250-6

136-52-7 Cobaltbis(2-Ethylhexanoate)

Xn; R22 / Xi; R38 / R43 / N; R50-53

< 0,5



Additional information

Full text of R-phrases: see section 16.

Full text of H-phrases: see section 16.

4. First-aid measures

4.1. Description of first aid measures:

General information:

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In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth,

place in unconscious position and seek medical advice.

After inhalation

Move victim to fresh air. Put victim at rest and keep warm. In case of irregular breathing or respiratory arrest provide artificial respiration.

In case of skin contact:

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do

not use solvents or thinners.

In case of eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice.

After ingestion:

If swallowed, rinse mouth with water (only if the person is conscious). Consult physician immediately. Keep victim calm. Do not induce vomiting.

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

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

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

alcohol resistant foam, Carbon dioxide, Powder, spray mist, (water)

Extinguishing media which must not be used for safety reasons:

Strong water jet

5.2. Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Do not allow water used to extinguish fire to enter drains, ground

or waterways. Treat runoff as hazardous. Cool closed containers that are near the source of the fire.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures



Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours.

6.2. Environmental measures

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents.

Do not use solvents.

6.4. Reference to other sections

Observe protective provisions (see chapter 7 and 8).

7. Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only

use the material in places where open light, fire and other flammable sources can be kept away.

Electrical equipment must be

protected meeting the accepted standard. Product may become electrostatically charged. Provide earthing of containers,

equipment, pumps and ventilation facilities. Anti-static clothing including shoes are recommended.

Floors must be electrically

conductive. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes

and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid

respiration of swarf. When

using do not eat, drink or smoke. Personal protective equipment: refer to chapter 8. Do not empty containers with pressure -

no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal

protection and safety regulations.

Precautions against fire and explosion:

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Vapours are heavier than air and will spread at floor level. Vapours form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not

empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store

carefully closed containers upright to prevent any leaks.



Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions

Take care of instructions on label. Protect from heat and direct sunlight. Store in a cool dry place.

Keep container tightly

closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised

persons. Store carefully closed

containers upright to prevent any leaks.

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

8. Exposure controls / Personal protection

8.1. Control parameters

EC No:

CAS No.:

Description: type: Limit value

STEL (EC) TWA (EC)

unit

215-535-7

1330-20-7

xylene, mixture of isomers 662

150

441

100

mg/m³

ppm

265-150-3

64742-48-9

Naphta(petroleum),hydroteated heavy, low boiling point,

_hydrogen treated naphta

4000

800

1000

200

mg/m³

ppm

Additional information

Stated values are taken from the then applicable German TRGS 900 or the German VCI table for exposure limit values.

TWA (EC): Occupational exposure limit value

STEL (EC): Short term occupational exposure limit value

8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and

solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Occupational exposure controls:

Respiratory protection:

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must

be used. gas filtering device (DIN EN 141): . During spraying wear suitable respiratory equipment. .

Use only respiratory



protection equipment with CE-symbol including four digit test number.

Hand protection:

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber).

Thickness of the glove material: > 0,4 mm ; penetration time (maximum wearing period): > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove

manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove

articles: DIN EN 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye protection:

Wear closely fitting protective glasses in case of splashes.

Body protection:

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures:

After contact clean skin thoroughly with water and soap oder use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. refer to chapter 7. No further action is necessary.

9. Physical and chemical properties

9.1. information on basic physical and chemical properties

Appearance:

Physical state: liquid

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Colour refer to label

Odour: characteristic

Safety relevant basis data unit Method Remark:

Flash point: 36 °C DIN 53213

Ignition temperature (AIT): 200 °C

lower explosion limit: 0,6 Vol-%

Upper explosion limit: 7,0 Vol-%

Vapour pressure at 20 °C: 2,59 mbar

density at 20 °C: 0,90 g/cm³

Water solubility (g/l): insoluble

pH at 20 °C: -

Viscosity at 20 °C 200 s 4 mm DIN 53211

Solvent separation test (%): < 3 %

Solid content (%): 47 % by weight

solvent content:

Organic solvents: 52 % by weight

Water: 0 % by weight

9.2. Other information:

10. Stability and reactivity

10.1. Reactivity



10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. Conditions to avoid

Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

11. Toxicological information

No data on preparation itself available.

11.1. Information on toxicological effects

Acute toxicity

Toxicological data are not available.

Irritant and corrosive effects

Toxicological data are not available.

Sensitisation

Toxicological data are not available.

Specific target organ toxicity

Toxicological data are not available.

Aspiration hazard:

Naphtha (petroleum), hydrotreated heavy

Aspiration hazard

naphta (petroleum) hydrotreated light

Aspiration hazard

Hydrocarbons, C8-12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Aspiration hazard

Practical experience

Other observations:

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache,

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dizziness, fatigue, amyosthenia, dizziness, in serious cases: unconsciousness. Solvents may cause some of the

aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of

natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties:

The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC

and classified according to the toxicological dangers. See chapters 2 and 15 for details.

12. Ecological information

Overall evaluation:

There is no information available on the preparation itself .

Do not allow to enter into surface water or drains.

12.1. Toxicity

Toxicological data are not available.

12.2. Persistence and degradability

Toxicological data are not available.

12.3. Bioaccumulative potential

Toxicological data are not available.

12.4. Mobility in soil

Toxicological data are not available.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC

and is classified for eco-toxicological properties accordingly. See Sections 2 and 15 for details.

13. Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product

Recommendation:

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste

disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.

Control report for waste code/ waste marking according to EAKV:

080111 waste paint and varnish containing organic solvents or

other dangerous substances

Contaminated packaging:

Recommendation:

Cleaned containers may be recycled. Vessels not properly emptied are special waste.

14. Transport information

14.1. UN-No.:

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)

3



14.4. Packing Group:

III

14.5. Environmental hazards:

Land transport (ADR/RID) UMWELTGEFÄHRDEND

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Marine pollutant: p / hydrocarbons(mixture)aromatic/aliphatic,low boiling point

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in

case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Further remarks:

Land transport (ADR/RID)

Tunnel restriction code: D/E

Sea transport (IMDG)

EmS-No.: F-E, S-E

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

15. Regulatory information

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

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

VOC-value (in g/l) ISO 11890-2: 474

National regulations

Informations on working limitations:

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Other regulations, restrictions and prohibition regulations:

15.2. Chemical Safety Assessment

A chemical safety assessment has been carried out on following substance:

EC No:

CAS No.:

chemical name: REACH No:

215-535-7

1330-20-7

xylene, mixture of isomers 01-2119488216-32-XXXX

265-150-3

64742-48-9

Naphta(petroleum),hydroteated heavy, low boiling point, _hydrogen treated naphta



01-2119463258-33-XXXX

928-136-4

64742-82-1

Hydrocarbons, C8-12, n-alkanes, isoalkanes, cyclics aromatics
(2-25%)

01-2119484809-19-XXXX

16. Other information

Relevant R-and H-phrases (Number and full text):

Flam. Liq. 3 / H226 Flammable liquids: Flammable liquid and vapour.

Asp. Tox. 1 / H304 Aspiration hazard: May be fatal if swallowed and enters airways.

STOT SE 3 / H336 Specific target organ toxicity (single
exposure):

May cause drowsiness or dizziness.

Aquatic Chronic 2 / H411 Hazardous to the aquatic environment: Toxic to aquatic life with long
lasting effects.

Acute Tox. 4 / H332 Acute toxicity (inhalative): Harmful if inhaled.

Acute Tox. 4 / H312 Acute toxicity (dermal): Harmful in contact with skin.

Skin Irrit. 2 / H315 Skin corrosion/irritation: Causes skin irritation.

Skin Sens. 1 / H317 Respiratory or skin sensitisation: May cause an allergic skin reaction.

Carc. 2 / H351 Carcinogenicity: Suspected of causing cancer (state route of
exposure if it is conclusively proven that no
other routes of exposure cause the hazard).

Eye Dam. 1 / H318 Serious eye damage/eye irritation: Causes serious eye damage..

Acute Tox. 4 / H302 Acute toxicity (oral): Harmful if swallowed.

Aquatic Acute 1 / H400 Hazardous to the aquatic environment: Very toxic to aquatic life.

Aquatic Chronic 1 / H410 Hazardous to the aquatic environment: Very toxic to aquatic life with long
lasting
effects.

R10 Flammable.

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Xn; R20/21 Harmful Harmful by inhalation and in contact with skin.

Xi; R38 Irritant Irritating to skin.

Carc.Cat.3; R40 Carcinogenic Cat. 3 (Carc. Cat. 3). Limited evidence of a carcinogenic effect.

Xn; R21 Harmful Harmful in contact with skin.

Xi; R41 Irritant Risk of serious damage to eyes.

R43 May cause sensitization by skin contact.

Xn; R65 Harmful Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or
cracking.

R67 Vapours may cause drowsiness and dizziness.

Xn; R22 Harmful Harmful if swallowed.

N; R50-53 Dangerous for the environment Very toxic to aquatic organisms. May cause
long-term adverse effects in the aquatic



environment.

N; R51-53 Dangerous for the environment Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Further remarks:

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter

1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product. All information are related to the liquid medium in original delivery condition.