

Safety Data Sheet

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

Revision Date 18-Apr-2020

Version 17

Supersedes Date: 12-Jan-2020

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

1.1. Product Identifier

Product code QG810017SG
Product name RAL 7024 GRAPHITE GREY POLY SATIN

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

Recommended use Paint, Coatings

1.3. Details of the supplier of the safety data sheet

See section 16 for more information

The Valspar (Switzerland) Corporation AG
European Headquarters
Rosengartenstrasse 25
8608 Bubikon
CH-SWITZERLAND

Only Representative (OR) for imports only:
Valspar B.V.
Zuiveringweg 89
8243 PE Lelystad
The Netherlands
GPSReach@sherwin.com
Member Company of Sherwin Williams

For further information, please contact

E-mail address sdshelpdesk@valspareurope.com

1.4. Emergency telephone number

24 Hour Emergency Phone Number

| | | | | |
|---|-------------------------------------|--|--|------------------------------------|
| International +1 703 741 5971 | Austria +(43)-13649237 | Belgium +(32)-28083237 | Bulgaria +(359)-32570104 | Croatia +(385)-17776920 |
| Czech Republic +(420)-228880039 | Denmark +(45)-69918573 | Estonia +(372)-6681294 | Finland +(358)-942419014 | France +(33)-975181407 |
| Germany 0800-181-7059 | Greece +(30)-2111768478 | Hungary +(36)-18088425 | Ireland +(353)-19014670 | Italy 800-789-767 |
| Latvia +(371)-66165504 | Lithuania +(370)-52140238 | Luxembourg +(352)-20202416 | Netherlands +(31)-858880596 | Norway +(47)-21930678 |
| Poland +(48)-223988029 | Portugal +(351)-308801773 | Romania (+40)-37-6300026 | Slovakia +(421)-233057972 | Slovenia +(386)-18888016 |
| Spain 900-868538 | Sweden +(46)-852503403 | Switzerland +(41)- 435082011 | United Kingdom +(44)-870-8200418 | |

Poison control centre phone number

Only for the purpose of informing medical personnel in cases of acute intoxication

| | | | | |
|-------------------------------------|--|---|----------------------------------|-----------------------------------|
| Belgium +32 70 245 245 | Denmark +45 82 12 12 12 | France +33 (0) 1454 25959 | Finland +358 9 471977 | Hungary +36-80-20-11-99 |
| Iceland +353 1 809 2166 | Ireland +353 (0)1 809 2166 (8.00 - 22.00) | Netherlands +31 30 274 8888 | Norway +47 22 59 13 00 | Portugal +35808 250 143 |
| Slovakia +421 2 5477 4166 | Spain +3415620420 | Sweden +46 8 33 12 31 (M-F 9.00-17.00) | | |

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Chronic Aquatic Toxicity Category 3 - (H412)

2.2. Label Elements

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

Hazard statements

H412 - Harmful to aquatic life with long lasting effects

Contains Zinc mercaptobenzothiazole EUH208 - May produce an allergic reaction

PRECAUTIONARY STATEMENTS - EU (§28, 1272/2008)

P273 - Avoid release to the environment

P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other Hazards

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

| Chemical name | CAS No | Weight-% | EC No | Classification according to Regulation (EC) No. 1272/2008 [CLP] | REACH registration number | Note: |
|---|------------|-------------|-----------|---|---------------------------|-------|
| Propanedioic acid, [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butyl-, bis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester | 63843-89-0 | 0.1 - < 0.3 | 264-513-3 | STOT RE 1 (H372) Acute Tox. 4 (H302) Aquatic Chronic 1 (H410) | | - |
| Zinc mercaptobenzothiazole | 155-04-4 | 0.1 - < 0.3 | 205-840-3 | Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) | | - |

Full text of H- and EUH-phrases: see section 16

Additional information

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Advice

Get medical advice/attention if you feel unwell

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

Skin contact

IF ON SKIN: Wash with plenty of soap and water

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

INHALATION

IF INHALED: Call a POISON CENTER or doctor if you feel unwell

INGESTION

Do NOT induce vomiting

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

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

Symptoms No information available.

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

Note to doctors Treat symptomatically

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Water spray (fog)

Carbon dioxide (CO₂)

Alcohol resistant foam

Dry chemical

Not to be used for safety reasons:

Inert gas under high pressure (e.g. CO₂), water jet (Do not use if package is open or torn)

5.2. Special hazards arising from the substance or mixture

Burning produces heavy smoke

Fire may produce irritating and/or toxic gases

In the event of fire and/or explosion do not breathe fumes

May cause sensitisation by skin contact

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit

Cool containers with flooding quantities of water until well after fire is out

Do not allow run-off from fire-fighting to enter drains or water courses

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Remove all sources of ignition

Do not breathe dust

Use personal protective equipment as required

Avoid contact with skin, eyes or clothing

For emergency responders

Use personal protection recommended in Section 8

6.2. Environmental precautions

Do not allow into any sewer, on the ground or into any body of water

If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations

Prevent further leakage or spillage if safe to do so

Local authorities should be advised if significant spillages cannot be contained

6.3. Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so

Methods for Cleaning Up

Dispose of waste product or used containers according to local regulations

Do not use a dry brush as dust clouds or static can be created

Dam up

Pick up and transfer to properly labelled containers

Clean contaminated surface thoroughly

Take up mechanically, placing in appropriate containers for disposal

Contain and collect spillage with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13)

6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment

See Section 13 for additional waste treatment information

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Precautions should be taken to prevent the formation of dusts in concentrations above flammable, explosive or occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Comply with the health and safety at work laws. Prevent product from entering drains. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapours/spray.

General hygiene considerations

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorised personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place.

Incompatible materials

Strong bases, Strong oxidising agents, Strong acids

7.3. Specific end use(s)

Recommended use Paint Coatings

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

| Chemical name | European Union | Austria | Belgium | Bulgaria | Czech Republic | Denmark | Estonia |
|--|----------------|---|---------------------------|---|-------------------------------------|--------------------------|--------------------------|
| Aluminum hydroxide (Al(OH) ₃) 21645-51-2 | | STEL 10 mg/m ³ respirable fraction TWA: 5 mg/m ³ respirable fraction | | TWA: 10.0 mg/m ³ dust TWA: 1.5 mg/m ³ respirable fraction | TWA: 10.0 mg/m ³ dust | | |
| Titanium dioxide 13463-67-7 | | STEL 10 mg/m ³ alveolar dust, respirable fraction TWA: 5 mg/m ³ alveolar dust, respirable | TWA: 10 mg/m ³ | TWA: 10.0 mg/m ³ respirable dust | | TWA: 6 mg/m ³ | TWA: 5 mg/m ³ |

| Chemical name | Finland | France | Germany | Greece | Hungary | Iceland | Ireland |
|--|---------|---------------------------|---|--|---------|--|---|
| Aluminum hydroxide (Al(OH) ₃) 21645-51-2 | | | TWA: 4 mg/m ³ dust, inhalable fraction TWA: 1.5 mg/m ³ dust, respirable fraction | | | | TWA: 10 mg/m ³ total inhalable dust TWA: 4 mg/m ³ respirable dust STEL: 30 mg/m ³ total inhalable dust STEL: 12 mg/m ³ respirable dust |
| Titanium dioxide 13463-67-7 | | TWA: 10 mg/m ³ | | TWA: 10 mg/m ³ inhalable fraction TWA: 5 mg/m ³ respirable fraction | | Ceiling: 12 mg/m ³ TWA: 6 mg/m ³ | TWA: 10 mg/m ³ total inhalable dust TWA: 4 mg/m ³ respirable dust STEL: 30 mg/m ³ total inhalable dust STEL: 12 mg/m ³ respirable dust |

| Chemical name | Italy | Latvia | Luxembourg | Netherlands | Norway | Poland | Portugal |
|--|-------|---------------------------|------------|-------------|--|---|---------------------------|
| Aluminum hydroxide (Al(OH) ₃) 21645-51-2 | | TWA: 6 mg/m ³ | | | | TWA: 2.5 mg/m ³ inhalable fraction TWA: 1.2 mg/m ³ respirable fraction | |
| Titanium dioxide 13463-67-7 | | TWA: 10 mg/m ³ | | | TWA: 5 mg/m ³ STEL: 10 mg/m ³ | STEL: 30 mg/m ³ TWA: 10.0 mg/m ³ inhalable fraction | TWA: 10 mg/m ³ |

| Chemical name | Romania | Slovakia | Slovenia | Spain | Sweden | Switzerland | United Kingdom |
|--|---|----------------------------|----------|---------------------------|--|---|---|
| Aluminum hydroxide (Al(OH) ₃) 21645-51-2 | | TWA: 1.5 mg/m ³ | | | | TWA: 3 mg/m ³ respirable dust | STEL: 30 mg/m ³ inhalable dust STEL: 12 mg/m ³ respirable dust TWA: 10 mg/m ³ inhalable dust TWA: 4 mg/m ³ respirable dust |
| Titanium dioxide 13463-67-7 | TWA: 10 mg/m ³ STEL: 15 mg/m ³ | | | TWA: 10 mg/m ³ | TLV/LLV: 5 mg/m ³ total dust | TWA: 3 mg/m ³ respirable dust | STEL: 30 mg/m ³ total inhalable STEL: 12 mg/m ³ respirable TWA: 10 mg/m ³ total inhalable TWA: 4 mg/m ³ respirable |

Derived No Effect Level (DNEL)

Zinc mercaptobenzothiazole (155-04-4)

| CATEGORY | Route of Exposure | Derived No Effect Level (DNEL) | UNITS |
|--------------------------------------|-------------------|--------------------------------|-------------------|
| Chronic effects, systemic, workers | INHALATION | 10.5 | mg/m ³ |
| Acute effects, systemic, workers | INHALATION | 21 | mg/m ³ |
| Chronic effects, systemic, workers | Dermal | 6 | mg/kg bw/d |
| Acute effects, systemic, workers | Dermal | 12 | mg/kg bw/d |
| Chronic effects, systemic, consumers | INHALATION | 2.6 | mg/m ³ |
| Acute effects, systemic, consumers | INHALATION | 5.2 | mg/m ³ |
| Chronic effects, systemic, consumers | Dermal | 3 | mg/kg bw/d |
| Acute effects, systemic, consumers | Dermal | 6 | mg/kg bw/d |
| Chronic effects, systemic, consumers | Oral | 1.5 | mg/kg bw/d |
| Acute effects, systemic, consumers | Oral | 3 | mg/kg bw/d |

Predicted No Effect Concentration (PNEC)
Zinc mercaptobenzothiazole (155-04-4)

| CATEGORY | Predicted No Effect Concentration (PNEC) | UNITS |
|------------------------------------|--|-------|
| Fresh Water | 0.004 | Mg/l |
| Marine water | 0.00041 | Mg/l |
| Intermittent release | 0.005 | Mg/l |
| Microorganisms in sewage treatment | 0.3 | Mg/l |
| Freshwater sediment | 0.147 | Mg/kg |
| Marine sediment | 0.015 | Mg/kg |
| Soil | 0.027 | Mg/kg |

8.2. Exposure controls

8.2.1 Appropriate Engineering Controls

Engineering controls

Ensure adequate ventilation, especially in confined areas
 Provide local exhaust ventilation
 In case of insufficient ventilation, wear suitable respiratory equipment
 Do not breathe dust

8.2.2 Individual protection measures, such as personal protective equipment

Eye/Face Protection

Tight sealing safety goggles

Skin and Body Protection

Wear suitable protective clothing
 Care should be taken in the selection of protective clothing to ensure that inflammation and irritation of the skin at neck and wrists through contact with the powder are avoided
 Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact

Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals
 Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves
 The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed
 Gloves should be replaced regularly and if there is any sign of damage to the glove material
 Always ensure that gloves are free from defects and that they are stored and used correctly
 The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance

Break through time > 240 minutes Estimated

| PPE - Glove material | Glove thickness |
|--------------------------|-----------------|
| Neoprene™ | > 0.56 mm |
| Butyl rubber | > 0.36 mm |
| Fluoroelastomer | > 0.51 mm |
| Nitrile rubber | > 0.56 mm |
| Natural rubber | > 0.48 mm |
| Polyvinyl chloride (PVC) | > 0.25 mm |

Respiratory Protection

In case of inadequate ventilation wear respiratory protection

Thermal Protection

No information available

8.2.3 Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water
 Local authorities should be advised if significant spillages cannot be contained

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|-------------------------------|----------------------------------|
| Physical State | Powder |
| Appearance | No information available |
| Odour | Odourless |
| Colour | No information available |
| Odour threshold | No information available |
| PH | No information available |
| Melting point/freezing point | No information available |
| Boiling point / boiling range | No information available °C / °F |
| Flash Point | 400 °C / 752 °F |
| Method | |
| Evaporation Rate | No information available |
| Flammability (solid, gas) | No information available |
| Flammability limit in air | |
| Upper flammability limit: | No information available |
| Lower flammability limit | No information available |
| Vapour pressure | No information available |
| Vapour Density | No information available |
| Specific gravity | 1.36 |
| Solubility(ies) | No information available |
| Partition coefficient | No information available |
| Autoignition Temperature | No information available |
| Decomposition temperature | No information available |
| Kinematic viscosity | No information available |
| Dynamic viscosity | No information available |
| Explosive Properties | No information available |
| Oxidising Properties | No information available |

9.2. Other information

| | |
|---|-----------------------------------|
| Molecular Weight | No information available |
| Minimum ignition energy (MIE) | 3 - 50 mJ (typical range) |
| dust deflagration index (Kst) | 100 - 199 bar*m/s (typical range) |
| Minimum Explosive Conc. (g/m ³) | 20 - 70 (typical range) |

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No information available

10.2. Chemical stability

Stable under normal conditions

Explosion Data

| | |
|----------------------------------|---------------------------|
| Sensitivity to Mechanical Impact | No information available. |
| Sensitivity to Static Discharge | No information available. |

10.3. Possibility of hazardous reactions

Hazardous polymerisation None under normal processing

Possibility of hazardous reactions None under normal processing

10.4. Conditions to avoid

Heat, flames and sparks

10.5. Incompatible materials

Strong bases
Strong oxidising agents

Strong acids

10.6. Hazardous decomposition products

Carbon monoxide
Carbon dioxide (CO2)

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Information on Likely Routes of Exposure

Eye Contact

No information available

Skin contact

No information available

INGESTION

No information available

INHALATION

No information available

Numerical Measures of Toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

UNKNOWN ACUTE TOXICITY 0% of the mixture consists of ingredient(s) of unknown toxicity.

Numerical Measures of Toxicity - Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|--|-------------------------|-----------------|
| Propanedioic acid, [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butyl-, bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester | = 1500 mg/kg (Rat) | | |
| Zinc mercaptobenzothiazole | = 540 mg/kg (Rat) = 5505 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|---|--------------------------|
| Skin Corrosion/Irritation | No information available |
| Serious eye damage/eye irritation | No information available |
| Skin Sensitisation | No information available |
| Respiratory Sensitisation | No information available |
| Germ Cell Mutagenicity | No information available |
| Carcinogenicity | No information available |
| Reproductive toxicity | No information available |
| Specific target organ toxicity (single exposure) | No information available |
| Specific target organ toxicity (repeated exposure) | No information available |
| Propanedioic acid, [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butyl-, bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester <i>lymph system, Liver, Spleen</i> | |
| Aspiration Hazard | Not applicable |

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Environmental Precautions Prevent product from entering drains

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Bioaccumulation

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Environmental Precautions

Prevent product from entering drains
Keep out of waterways

Waste from Residues/Unused Products

Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated Packaging

Improper disposal or reuse of this container may be dangerous and illegal
Empty containers must be scrapped or reconditioned

European Waste Catalogue

| | |
|------------------|-----------|
| Product | 08 02 01 |
| Packaging | 15 01 10* |

Section 14: TRANSPORT INFORMATION

| | | | | | |
|----------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|
| 14.1 UN/ID no | IMDG NOT REGULATED | RID NOT REGULATED | ADR NOT REGULATED | IATA NOT REGULATED | ADN NOT REGULATED |
| 14.2 Proper Shipping Name | | | | | |

14.3 Hazard class

14.4 Packing group

14.5 Environmental hazard

14.6 Special Provisions

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC CODE

No information available

The supplier may apply one of the following exceptions: Combustible Liquid (49 CFR 173.150(f)); Consumer Commodity (49 CFR 173.150(c), ICAO/IATA SP A112); Limited Quantity (49 CFR 173.150(b), ICAO Part 3 Chapter 4, IATA 2.7, IMDG Chapter 3.4); Viscous Liquid (49 CFR 173.121(b), IMDG 2.3.2.2, IATA 3.3.3.1.1, ICAO 3.2.2, ADR 2.2.3.1.5); Does Not Sustain Combustion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO

3.1.3, IMDG 2.3.1.3, ADR 2.2.3.1.1 Note 1); or others as allowed under hazardous materials/dangerous goods regulations.

Section 15: REGULATORY INFORMATION

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

European Union

National Regulations

Germany Water hazard class 2 (WGK)

TA Luft (German Air Pollution Control Regulation)

| Class 1 | Class 2 | Class 3 | Class 4 |
|---------|---------|---------|---------|
| 0 % | 0 % | 0 % | 0 % |

31 . BlmSchV

Danish MAL Code

0

00 - 1

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Supplier Address

Inver UK Ltd.
Goodlass Road
Liverpool, Merseyside L24 9HJ
+44 (0) 151 486 0486

Inver S.p.A.
Via di Corticella, 205
Bologna, BO, Italy 40128
39 051 6380411

Inver Polska SP.Z.O.O.
UL. Metalowców 49
Debica 39-200 Poland
+48 14 680 90 20

Inver France S.A.S.
2 Rue Jean Devaux
Boîte Postale 88
Thouars 79102
Phone: +33 5 49 96 025 00

Inver S.p.A.
10/A Via Marconi
Minerbio BO 40061
Phone: +39 051 660 6811

Full text of H-Statements referred to under sections 2 and 3

H302 - Harmful if swallowed

H317 - May cause an allergic skin reaction

H372 - Causes damage to organs through prolonged or repeated exposure

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

Prepared by Product Stewardship

Revision Date 18-Apr-2020

Revision note No information available.

Disclaimer

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and EU guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

End of Safety Data Sheet