

Safety Data Sheet

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

Revision Date 21-Feb-2024

Version 29

Supersedes Date: 30-Jul-2023

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

1.1. Product Identifier

Product code BR410468G
Product name BS 08-E-51 YELLOW POLYESTER GLOSS

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

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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 <i>Only for the purpose of informing medical personnel in cases of acute intoxication</i>				
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 +354 543 2222	Ireland +353 (0)1 809 2166 (8.00 - 22.00)	Lithuania +370 (85) 2362052	Netherlands +31 (0) 88-755 8000	Norway +47 22 59 13 00
Portugal +(351) 800 250 250	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)
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2.2. Label Elements

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

Hazard statements

H412 - Harmful to aquatic life with long lasting effects

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

PBT and vPvB assessment

Not applicable

Endocrine disrupting properties for human health

Not applicable

Endocrine disrupting properties for environment

Not applicable

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:
Trizinc diphosphate	7779-90-0	0.3 - < 1	231-944-3	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	01-2119485044-40	-

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

PBT and vPvB assessment

Not applicable

Endocrine disrupting properties for human health

Not applicable

Endocrine disrupting properties for environment

Not applicable

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

IF exposed or concerned: Get medical advice/attention

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

Rinse skin with water/shower

If skin irritation occurs: Get medical advice/attention

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

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
Keep people away from and upwind of spill/leak

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
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

Alcohols, Amines

7.3. Specific end use(s)

Recommended use Paint Coatings

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits

If S* appears in the OEL table, it indicates this chemical contains a skin notation.

Chemical name	European Union	Austria	Belgium	Bulgaria	Czech Republic	Denmark	Estonia
Barium sulfate 7727-43-7			TWA: 10 mg/m ³	TWA: 10.0 mg/m ³			
Bismuth vanadium oxide (BiVO ₄) 14059-33-7				TWA: 0.05 mg/m ³			

Chemical name	Finland	France	Germany	Greece	Hungary	Iceland	Ireland
Barium sulfate 7727-43-7			TWA: 4 mg/m ³ inhalable fraction TWA: 1.5 mg/m ³ respirable fraction Ceiling / Peak: 2.4 mg/m ³ respirable fraction				TWA: 2 mg/m ³ respirable dust STEL: 6 mg/m ³ respirable dust
Bismuth vanadium oxide (BiVO ₄) 14059-33-7			TWA: 0.005 mg/m ³ respirable fraction TWA: 0.03 mg/m ³ inhalable fraction				
Trizinc diphosphate 7779-90-0			TWA: 0.1 mg/m ³ respirable fraction TWA: 2 mg/m ³ inhalable fraction Ceiling / Peak: 0.4 mg/m ³ respirable fraction Ceiling / Peak: 4 mg/m ³ inhalable fraction				

Chemical name	Italy	Latvia	Luxembourg	Netherlands	Norway	Poland	Portugal
Barium sulfate 7727-43-7					TWA: 0.5 mg/m ³ STEL: 1.5 mg/m ³		TWA: 10 mg/m ³
Bismuth vanadium oxide (BiVO ₄) 14059-33-7		TWA: 1 mg/m ³ TWA: 0.5 mg/m ³					

Chemical name	Romania	Slovakia	Slovenia	Spain	Sweden	Switzerland	United Kingdom
Barium sulfate 7727-43-7		TWA: 1.5 mg/m ³		TWA: 10 mg/m ³			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

Chemical name	European Union	Denmark	Finland	France
Bismuth vanadium oxide (BiVO ₄) 14059-33-7				Vanadium: 0.05 mg/g creatinine in urine

Derived No Effect Level (DNEL)

Trizinc diphosphate (7779-90-0)

CATEGORY	Route of Exposure	Derived No Effect Level (DNEL)	UNITS
Chronic effects, systemic, workers	INHALATION	5	mg/m ³
Chronic effects, systemic, workers	Dermal	83	mg/kg bw/d
Chronic effects, systemic, consumers	INHALATION	2.5	mg/m ³
Chronic effects, systemic, consumers	Dermal	83	mg/kg bw/d
Chronic effects, systemic, consumers	Oral	0.83	mg/kg bw/d

Predicted No Effect Concentration (PNEC)

Trizinc diphosphate (7779-90-0)

CATEGORY	Predicted No Effect Concentration (PNEC)	UNITS
Fresh Water	0.0206	Mg/l
Marine water	0.0061	Mg/l
Microorganisms in sewage treatment	0.1	Mg/l
Freshwater sediment	117.8	Mg/kg
Marine sediment	56.5	Mg/kg
Soil	35.6	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

Wear safety glasses with side shields (or 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

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
Wear protective gloves

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

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

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
Odour	Odourless
Colour	No information available
Melting Point / Melting Range	60-120°C
Boiling point	Not relevant/applicable due to nature of the product.
Flammability	Not relevant/applicable due to nature of the product.
Lower Explosive Limits %	Not relevant/applicable due to nature of the product.
Upper Explosive Limits %	Not relevant/applicable due to nature of the product.
Flash Point	400 °C
Autoignition Temperature	Not relevant/applicable due to nature of the product.
Decomposition temperature	No information available
PH Range	Not relevant/applicable due to nature of the product.
PH VALUE	Not relevant/applicable due to nature of the product.
Kinematic viscosity	Not relevant/applicable due to nature of the product.
Solubility(ies)	Insoluble in water
Partition coefficient	No information available
Vapour pressure @20 – 25 C (hPa)	Not relevant/applicable due to nature of the product.
Specific gravity	1.66
Vapour Density	No information available

9.2. Other information

Minimum ignition energy (MIE)	3 - 50 mJ (typical range)
dust deflagration index (Kst)	100 - 199 bar*m/s (typical range)
Minimum Explosive Conc. (g/m³)	20 - 70 (typical range)

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No information available

10.2. Chemical stability

Stable under normal conditions

<u>Explosion Data</u>	
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

Alcohols
Amines

10.6. Hazardous decomposition products

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

Not applicable

12.6 Endocrine disrupting properties

Endocrine disrupting properties for environment

Not applicable

12.7. Other adverse effects

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

	<u>IMDG</u>	<u>RID</u>	<u>ADR</u>	<u>IATA</u>	<u>ADN</u>
14.1 UN number or ID number	NOT REGULATED	NOT REGULATED	NOT REGULATED	NOT REGULATED	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 Maritime transport in bulk according to IMO instruments

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 3
(WGK)

TA Luft (German Air Pollution Control Regulation)

Class 1	Class 2	Class 3	Class 4
0 %	0 %	11.79 %	0 %

31 . BlmSchV	0
Danish MAL Code	00 - 1

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Supplier Address

Sherwin-Williams UK Limited –
General Industrial Division
Goodlass Road
Liverpool, Merseyside L24 9HJ
+44 (0) 151 486 0486

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Inver Polska SP.Z.O.O.
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Debica 39-200 Poland
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Inver France S.A.S.
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Thouars 79102
Phone: +33 5 49 96 025 00

Inver S.p.A.
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Minerbio BO 40061
Phone: +39 051 660 6811

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

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

Prepared by Product Stewardship

Revision Date 21-Feb-2024

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