

Safety Data Sheet

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

Revision Date 03-Feb-2022

Version 29

Supersedes Date: 03-Feb-2022

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

1.1. Product Identifier

Product code 35029
Product name BOND PE/UM BRONZE 545

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 +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

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

2.2. Label Elements

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

EUH210 - Safety data sheet available on request

EUH212 - Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

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

P202 - Do not handle until all safety precautions have been read and understood

P233 - Keep container tightly closed

P308 + P313 - IF exposed or concerned: Get medical advice/attention

2.3. Other Hazards

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

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

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

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

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
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.

General hygiene considerations

Take off all contaminated clothing and wash it before re-use. Wash hands thoroughly after handling.

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.

Incompatible materials

None known

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
C.I. Pigment Brown 24 68186-90-3		STEL 1.5 mg/m ³ inhalable fraction TWA: 0.5 mg/m ³ inhalable fraction	TWA: 0.5 mg/m ³ Sb	TWA: 0.5 mg/m ³	Ceiling: 1.5 mg/m ³ TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³	TWA: 2 mg/m ³
Silica, amorphous, precipitated and gel 112926-00-8		TWA: 4 mg/m ³ inhalable fraction	TWA: 10 mg/m ³	TWA: 10.0 mg/m ³ inhalable fraction	TWA: 0.1 mg/m ³ respirable fraction TWA: 4.0 mg/m ³		TWA: 2 mg/m ³ respirable dust
Titanium dioxide 13463-67-7		STEL 10 mg/m ³ alveolar dust, respirable fraction TWA: 5 mg/m ³ alveolar dust, respirable fraction	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
C.I. Pigment Brown 24 68186-90-3	TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³	TWA: 2 mg/m ³ inhalable fraction	TWA: 0.5 mg/m ³ Sb TWA: 0.5 mg/m ³ Cr	STEL: 2 mg/m ³ TWA: 0.5 mg/m ³ TWA: 2 mg/m ³	Ceiling: 1 mg/m ³ TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³ TWA: 2 mg/m ³ STEL: 1.5 mg/m ³ STEL: 6 mg/m ³
Silica, amorphous, precipitated and gel 112926-00-8	TWA: 5 mg/m ³		TWA: 4 mg/m ³ inhalable fraction			Ceiling: 4 mg/m ³ ultrafine spray TWA: 2 mg/m ³ ultrafine spray	TWA: 6 mg/m ³ total inhalable dust TWA: 2.4 mg/m ³ respirable dust STEL: 18 mg/m ³ total inhalable dust STEL: 7.2 mg/m ³ respirable dust
Titanium dioxide 13463-67-7		TWA: 10 mg/m ³		TWA: 10 mg/m ³ inhalable		Ceiling: 12 mg/m ³	TWA: 10 mg/m ³ total inhalable

				fraction TWA: 5 mg/m ³ respirable fraction		TWA: 6 mg/m ³	dust TWA: 4 mg/m ³ respirable dust STEL: 30 mg/m ³ total inhalable dust STEL: 12 mg/m ³ respirable dust
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Chemical name	Italy	Latvia	Luxembourg	Netherlands	Norway	Poland	Portugal
C.I. Pigment Brown 24 68186-90-3		TWA: 2 mg/m ³		TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³ STEL: 1.5 mg/m ³	STEL: 30 mg/m ³ TWA: 0.5 mg/m ³ TWA: 10 mg/m ³	TWA: 0.5 mg/m ³
Silica, amorphous, precipitated and gel 112926-00-8		TWA: 1 mg/m ³			TWA: 1.5 mg/m ³ respirable dust STEL: 1.5 mg/m ³ respirable dust	TWA: 10.0 mg/m ³ inhalable fraction TWA: 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
C.I. Pigment Brown 24 68186-90-3		Ceiling: 1.0 mg/m ³ TWA: 0.5 mg/m ³ total dust	TWA: 0.5 mg/m ³ inhalable fraction	TWA: 0.5 mg/m ³	TLV/LLV: 0.25 mg/m ³ Sb total inhalable dust TLV/LLV: 0.5 mg/m ³ Cr total dust	TWA: 0.5 mg/m ³ inhalable dust	STEL: 1.5 mg/m ³ TWA: 0.5 mg/m ³
Silica, amorphous, precipitated and gel 112926-00-8		TWA: 4.0 mg/m ³ total aerosol	TWA: 0.3 mg/m ³ respirable fraction, fume			TWA: 4 mg/m ³ inhalable dust	STEL: 18 mg/m ³ inhalable dust STEL: 7.2 mg/m ³ respirable dust TWA: 6 mg/m ³ inhalable dust TWA: 2.4 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

Chemical name	European Union	Denmark	Finland	France
C.I. Pigment Brown 24 68186-90-3				Total Chromium: 0.01 mg/g creatinine in urine Total Chromium: 0.03 mg/g creatinine in urine

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

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

Prevent product from entering drains

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	Metallic
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	1.25
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/m³)	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

None known

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

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
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 01
15 01 02
15 01 04
15 01 05
15 01 06

Section 14: TRANSPORT INFORMATION

14.1 UN/ID no **IMDG** **RID** **ADR** **IATA** **ADN**
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 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 1 (WGK)

TA Luft (German Air Pollution Control Regulation)

Class 1	Class 2	Class 3	Class 4
0 %	0 %	4.51 %	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

Inver S.p.A.
Via di Corticella, 205

Inver Polska SP.Z.O.O.
UL. Metalowców 49

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

Bologna, BO, Italy 40128
39 051 6380411

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.
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Minerbio BO 40061
Phone: +39 051 660 6811

Prepared by Product Stewardship
Revision Date 03-Feb-2022
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Disclaimer

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End of Safety Data Sheet