Safety Data Sheet

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

Revision Date 24-Sep-2021 **Version** 44 **Supercedes Date:** 31-Aug-2021

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

1.1. Product Identifier

Product code 5477

Product name PE/P/M BLUE RAL 5012 HR

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)	**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]

EUH212 - Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.
EUH210 - Safety data sheet available on request

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

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 (CO_2)
Alcohol resistant foam
Dry chemical

Not to be used for safety reasons:
Inert gas under high pressure (e.g. CO_2), 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
Keep people away from and upwind of spill/leak
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

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
Pick up and transfer to properly labelled containers
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. Do not breathe dust/fume/gas/mist/vapours/spray.

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

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
Strong oxidising agents

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
Titanium dioxide 13463-67-7		STEL 10 mg/m³ alveolar dust, respirable fraction TWA: 5 mg/m³ alveolar dust, respirable fraction	TWA: 10 mg/m³	TWA: 10.0 mg/m³ respirable dust		TWA: 6 mg/m³	TWA: 5 mg/m³
Barium sulfate 7727-43-7			TWA: 10 mg/m³	TWA: 10.0 mg/m³			

Chemical name	Finland	France	Germany	Greece	Hungary	Iceland	Ireland
Titanium dioxide 13463-67-7		TWA: 10 mg/m³		TWA: 10 mg/m³ inhalable fraction TWA: 5 mg/m³ respirable fraction		Ceiling: 12 mg/m³ TWA: 6 mg/m³	TWA: 10 mg/m³ total inhalable dust TWA: 4 mg/m³ respirable dust STEL: 30 mg/m³ total inhalable dust STEL: 12 mg/m³ respirable dust
Barium sulfate 7727-43-7			TWA: 4 mg/m³ inhalable fraction TWA: 1.5 mg/m³ respirable fraction Ceiling / Peak: 2.4 mg/m³ respirable fraction				TWA: 2 mg/m³ respirable dust STEL: 6 mg/m³ respirable dust

Chemical name	Italy	Latvia	Luxembourg	Netherlands	Norway	Poland	Portugal
Titanium dioxide 13463-67-7		TWA: 10 mg/m³			TWA: 5 mg/m³ STEL: 10 mg/m³	STEL: 30 mg/m³ TWA: 10.0 mg/m³ inhalable fraction	TWA: 10 mg/m³
Barium sulfate 7727-43-7					TWA: 0.5 mg/m³ STEL: 1.5 mg/m³		TWA: 10 mg/m³

Chemical name	Romania	Slovakia	Slovenia	Spain	Sweden	Switzerland	United Kingdom
Titanium dioxide 13463-67-7	TWA: 10 mg/m³ STEL: 15 mg/m³			TWA: 10 mg/m³	TLV/LLV: 5 mg/m³ total dust	TWA: 3 mg/m³ respirable dust	STEL: 30 mg/m³ total inhalable STEL: 12 mg/m³ respirable TWA: 10 mg/m³ total inhalable TWA: 4 mg/m³ respirable
Barium sulfate 7727-43-7		TWA: 1.5 mg/m³		TWA: 10 mg/m³			STEL: 30 mg/m³ inhalable dust STEL: 12 mg/m³ respirable dust TWA: 10 mg/m³ inhalable dust TWA: 4 mg/m³ respirable dust

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

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	1.47
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

Strong oxidising agents

10.6. Hazardous decomposition products

Carbon monoxide
Carbon dioxide (CO2)
Oxides of sulphur

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

	IMDG	RID	ADR	IATA	ADN
14.1 UN/ID no	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 (WGK) Water hazard class 1

TA Luft (German Air Pollution Control Regulation)

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

Inver S.p.A.
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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

Prepared by Product Stewardship

Revision Date 24-Sep-2021

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