Safety Data Sheet

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

Revision Date 23-Sep-2022 **Version** 18 **Supercedes Date:** 31-Aug-2021

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

1.1. Product Identifier

Product code 20112

Product name PE/P/Q FTX GREEN RAL 6002 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 +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)

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)
P202 - Do not handle until all safety precautions have been read and understood
P233 - Keep container tightly closed
P273 - Avoid release to the environment
P308 + P313 - IF exposed or concerned: Get medical advice/attention
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:
Trizinc diphosphate	7779-90-0	0.1 - < 0.3	231-944-3	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	01-2119485044-40	-

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 (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
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
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
None known

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/m³	TWA: 10.0 mg/m³			
Bismuth vanadium oxide (BiVO4) 14059-33-7				TWA: 0.05 mg/m³			
Talc 14807-96-6		TWA: 2 mg/m³ respirable fraction	TWA: 2 mg/m³	TWA: 1.0 fiber/cm3 respirable fraction, fibers TWA: 6.0 mg/m³ inhalable fraction TWA: 3.0 mg/m³ respirable fraction	TWA: 2.0 mg/m³	TWA: 0.3 fiber/cm3	TWA: 1 mg/m³ total dust TWA: 0.5 mg/m³ respirable dust
Iron oxide (Fe3O4) 1317-61-9				TWA: 5.0 mg/m³ TWA: 6.0 mg/m³ dust, inhalable fraction	TWA: 10 mg/m³ dust		

Chemical name	Finland	France	Germany	Greece	Hungary	Iceland	Ireland

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
Bismuth vanadium oxide (BiVO4) 14059-33-7			TWA: 0.005 mg/m³ respirable fraction TWA: 0.03 mg/m³ inhalable fraction				
Talc 14807-96-6	TWA: 0.5 fiber/cm3 fiber STEL: 2 ppm granular form, inhalable dust STEL: 1 ppm granular form, respirable			TWA: 10 mg/m³ inhalable fraction TWA: 2 mg/m³ respirable fraction	TWA: 2 mg/m³ respirable	Ceiling: 0.6 fiber/cm3 fibers at least 5 µm long with a diameter not larger than 3 µm TWA: 0.3 fiber/cm3	TWA: 10 mg/m³ total inhalable dust TWA: 0.8 mg/m³ respirable dust STEL: 30 mg/m³ total inhalable dust STEL: 2.4 mg/m³ respirable dust
Trizinc diphosphate 7779-90-0			TWA: 0.1 mg/m³ respirable fraction TWA: 2 mg/m³ inhalable fraction Ceiling / Peak: 0.4 mg/m³ respirable fraction Ceiling / Peak: 4 mg/m³ inhalable fraction				

Chemical name	Italy	Latvia	Luxembourg	Netherlands	Norway	Poland	Portugal
Barium sulfate 7727-43-7					TWA: 0.5 mg/m³ STEL: 1.5 mg/m³		TWA: 10 mg/m³
Bismuth vanadium oxide (BiVO4) 14059-33-7		TWA: 1 mg/m³ TWA: 0.5 mg/m³					
Talc 14807-96-6				TWA: 0.25 mg/m³	TWA: 6 mg/m³ total dust TWA: 2 mg/m³ respirable dust STEL: 12 mg/m³ total dust STEL: 4 mg/m³ respirable dust	TWA: 4.0 mg/m³ inhalable fraction TWA: 1.0 mg/m³ respirable fraction	TWA: 2 mg/m³ respirable fraction, particulate matter containing no Asbestos and <1% Crystalline silica

Chemical name	Romania	Slovakia	Slovenia	Spain	Sweden	Switzerland	United Kingdom
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
Talc 14807-96-6	TWA: 2 mg/m³ dust, inhalable fraction	TWA: 2 mg/m³ respirable fraction, 5% or less fibrogenic	TWA: 2 mg/m³ respirable fraction	TWA: 2 mg/m³ respirable fraction	TLV/LLV: 2 mg/m³ total dust TLV/LLV: 1 mg/m³	TWA: 2 mg/m³ respirable dust	STEL: 3 mg/m³ respirable dust TWA: 1 mg/m³ respirable dust

		component TWA: 10 mg/m³ respirable fraction, greater than 5% fibrogenic component TWA: 10 mg/m³ total aerosol			respirable dust		
Iron oxide (Fe3O4) 1317-61-9	STEL: 10 mg/m³	TWA: 4 mg/m³ total aerosol					

Chemical name	European Union	Denmark	Finland	France
Bismuth vanadium oxide (BiVO4) 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/m³
Chronic effects, systemic, workers	Dermal	83	mg/kg bw/d
Chronic effects, systemic, consumers	INHALATION	2.5	mg/m³
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
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	1.5
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)
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

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Trizinc diphosphate	> 5000 mg/kg (Rat)		

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 10*

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 Water hazard class (WGK) **3**

TA Luft (German Air Pollution Control Regulation)

Class 1	Class 2	Class 3	Class 4
0 %	.8 %	5.24 %	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.
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
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

Prepared by Product Stewardship

Revision Date 23-Sep-2022

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