

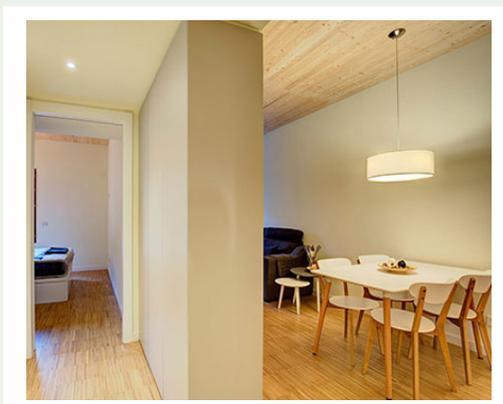


IEdiSA

# Graphenstone® Mineral Paints & Primers

Graphenstone® Mineral Paints and Primers are lime based interior and exterior paints containing graphene reinforcement. The product range covered is Ecosphere Premium; Biosphere Premium; GCS Interior Premium; GCS Exterior Premium; Filler F10 Premium; Filler F20 Premium; Stuki Premium; Füllmasse Premium; Kratzputz Premium, Atmosphere Interior/Grafclean, Atmosphere Exterior/Grafclean, Atmosphere Seville, Ecosphere CLP.

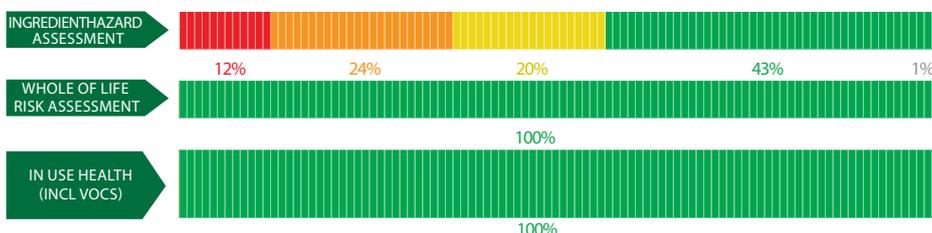
Products/Ranges:	Mineral Paints & Primers
Product Stages Assessed:	Whole of life + In-Use
Product Type:	Paints
CSI Masterformat:	09 91 00
Licensed Site/s:	Sevilla, Spain
Licence Number:	GRA:PP01:2023:PH
Licence Date:	28 February 2023
Valid To:	28 February 2025
Standard:	GGT International v4.0
Screening Date:	28 February 2023
PHD URL:	<a href="http://www.globalgreentag.com/certificate/2189">www.globalgreentag.com/certificate/2189</a>



<b>PHD Summary</b>	<b>Inventory Threshold:</b>	<b>Inventory Method:</b>
Percentage Assessed: <b>100%</b>	100ppm Product Level	Nested Materials

- GreenTag Banned List Compliant.
- Meets "Green Cleaning" requirements for Green Star®.
- GreenTag PHD recognized by WELL™ & LEED® Material Transparency & Optimization credits included below:
- Meets Green Star® 'Buildings v1.0' as Recognized for ~ Credit 9: Responsible Finishes; as a Compliant Technical Document (Audited) for ~ Credit 13: Exposure to Toxins, and 'Design & As Built v1.3' and 'Interiors v1.3' ~ Indoor Pollutants.
- Meets IWBI® WELL™ v1.0 as Recognized for ~ Feature 26 (Part 1); Feature 97 (Part 1); as a Compliant Technical Document (Audited) for ~ Feature 04 (Part 1), and, meets IWBI® WELL™ v2.0 as Recognized for ~ X07 (Parts 1, 3); X08 (Part 2); as a Compliant Technical Document (Audited) for ~ X06 (Part 1); X07 (Part 2); X08 (Part 1).
- Meets USGBC LEED® v4.0 and v4.1 Rating Tool Credit as Recognized for MR Credit: Building Product Disclosure and Optimisation - Material Ingredients - Option 1: Material Ingredient Reporting, Option 2: International ACP - REACH Optimisation.
- Highly unlikely worker, user, and environmental exposure to any Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.

INGREDIENT HAZARD DISCLOSURE, RISK ASSESSMENT, & IN USE HEALTH, % by mass.



Declared by:  
Global GreenTag  
International Pty Ltd

David Baggs  
CEO

Verified compliant with:  
ISO 14024 & ISO 17065

## 1.0 Scope

The Global GreenTag International (GGT) Product Health Declaration (PHD) has been designed to provide an additional level of service to the green product sector in facilitating an easier understanding of both the hazard and risks associated with any certified products, and is intended to indicate:

- Chemical hazards of both finished product and unique ingredients to a minimum level of 100ppm for final product throughout the product life cycle (including any VOC or other gaseous emissions);
- An assessment of exposure or risk associated with ingredient handling, product use, and disposal in relation to established mitigation and management processes;

It is not intended to assess:

- substances used or created during the manufacturing process unless they remain in the final product; or
- substances created after the product is delivered for end use (e.g., if the product unusually degrades, combusts or otherwise changes chemical composition).

GGT PHDs are only issued to products that have passed GGT Standards' certification requirements. The Level of Assessment (BronzeHEALTH, SilverHEALTH, GoldHEALTH or PlatinumHEALTH) of a PHD rating relates ONLY to a Human Health Toxicity Assessment and is declared separately and not equivalent to the overall Bronze, Silver Gold or Platinum Green Tag Certification Mark Tier Levels of LCARate.

## 1.2 Preparing a PHD

GGT PHDs are prepared in the format of a transparency document which utilizes Hazard Classifications from the UN Globally Harmonised System of Classification and Labelling of Chemicals (GHS). Hazard Classifications are then risk assessed with a focus on the In Use stage for an outcome of Certification. Assessments are undertaken by GGT Qualified Exemplar Global Lead Auditors and subsequently accepted for Certification by the GGT Program Director (also a Qualified Exemplar Global Lead Auditor) under the International Standard v4.0/4.1, Personal Products Standard v1.0/1.1, or Cleaning Products Standard v1.1/1.2 and above Program Rules.

## 1.3 External Peer Review

Every GGT PHD is independently peer-reviewed by an external Consultant Toxicologist and Member of the Australasian College of Toxicology & Risk Assessment.

## 2.0 Declaration of Ingredients

Where a manufacturer wishes recognition under a rating program that requires transparency of ingredients, such as LEED<sup>®</sup> v4.0 & v4.1, WELL<sup>®</sup> v1.0 & v2.0, Green Star<sup>®</sup>, the following information is declared from the audit:

Colour	Ingredient Hazard Disclosure
Green	Level 4 The hazard level of this ingredient indicates that the ingredient has no toxic hazard statements with no identified health effects.
Yellow	Level 3 The hazard level of this ingredient indicates that the ingredient is mildly toxic and/or has short/medium term reversible health effects.
Orange	Level 2 The hazard level of this ingredient indicates that the ingredient is moderately toxic and/or with a moderate health effects.
Red	Level 1 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects.
Black	Level 0 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects and is banned from being detectable above trace amounts in the final product.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.
Colour	Risk Assessment & In Use Health Assessment Outcome
Green	No Concerns The risk assessment outcomes for the hazard level and percentage of ingredient used in the product after risk assessment is considered highly unlikely and therefore without concerns.
Yellow	Human Health Comment The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low with an unlikely potential risk.
Orange	Issue of Concern or Issue of Concern Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to high with a higher than unlikely potential for risk.
Red	Red Light Comment or Red Light Comment Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to extremely high with a moderate potential for risk.
Dark Red	Red Light Exclusion The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered medium to extremely high with a likely potential for risk.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.
Black	Banned Ingredients Level 0 Hazard Level categorised chemicals such as Substances of Very High Concern in the International Standard v4.0/v4.1 and/or Petroleum, Parabens plus a wide range of additional compounds stipulated by the Personal Products Standard v1.0/1.1 and Cleaning Products Standard v1.1/1.2.

Global GreenTag International Pty Ltd (Global GreenTag) is not a medical professional organisation. Global GreenTag does not purport to provide medical advice, and makes no warranty, representation, or guarantee regarding the declaration that it provides in relation to any allergies, chemical sensitivities or any other medical condition, nor does Global GreenTag assume any liability whatsoever arising out of the application or use of any product or piece of equipment that has been chemically assessed by Global GreenTag.

The chemical assessments carried out provide transparent information peer reviewed by a consultant toxicologist regarding the chemical make-up and ingredients of certain materials and products, but such assessments are not to be taken as any form of medical assessment or health advice and are not targeted towards providing specific solutions to allergenic conditions or any other type of medical concerns.

Users must carry out their own investigations if they are concerned about specific medical conditions and the impact of certain products or ingredients in relation to specific medical concerns.

Global GreenTag takes no responsibility and is not liable in any way with respect to any medical or health issues arising from a person's use of materials or products that have been chemically assessed by Global GreenTag. Global GreenTag shall not be liable for any direct, indirect, punitive, incidental, special or consequential damages to property or life whatsoever, arising out of or connected with the use or misuse of any materials or products that have been assessed by Global GreenTag.

Ingredient Name	CAS Number or Function	Proportion in Finished product	GHS, IARC and Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Calcium Carbonate Powder								
Calcium carbonate	1317-65-3	30-50%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Binder								
Calcium Dihydroxide	Natural binder with graphene. Used as base of the paint and to include whiteness and coverage.	15-20%	H318, H315, H335	OK				<p>If exposed to the skin, eyes, and respiratory system, the substance can cause eye damage, skin irritation, and respiratory irritation.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal. Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Water	7732-18-5	20-25%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Water (Used to liquify paint)								
Water	7732-18-5	20-30%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Titanium Dioxide Pigment								
Titanium dioxide	13463-67-7	2-10%	IARC 2B, H351	OK				<p>If exposed to the respiratory system, the substance is suspected of causing cancer.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary	Additive	1-5%	IARC 3	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Aluminium hydroxide	21645-51-2	1-5%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>

Ingredient Name	CAS Number or Function	Proportion in Finished product	GHS, IARC and Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Trimethylolpropane	77-99-6	0.1-1%	H361	OK				<p>If exposed to the respiratory system, in-gested, or in contact with skin, the substance is suspected to damage fertility.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified.</p> <p>PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Binder								
Proprietary	Binder	1-5%	None declared	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Water	7732-18-5	1-5%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Talc								
Talc	14807-96-6	30-35%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Magnesite	546-93-0	1-10%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Sodium Aluminosilicate								
Sodium Aluminosilicate	1344-00-9	1-5%	H315, H319, H335	OK				<p>If exposed to the respiratory system, skin, and eyes, the substance can cause skin, eyes, and respiratory irritation.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Dispersant								
Water	7732-18-5	1-2%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Sodium salt of polyacrylic acid	Dispersing agent	0.1-1%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietarys								

Ingredient Name	CAS Number or Function	Proportion in Finished product	GHS, IARC and Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Proprietary	Additive	0.5-2%	None	OK				Their is no identifiable risk to end user Recycled Content: None Nanomaterials: Unknown
Defoamer								
Rapeseed oil	8002-13-9	0.1-1%	None	OK				Their is no identifiable risk to end user Recycled Content: None Nanomaterials: Unknown
Proprietary	Emulsifier and Defoamer	1-2%	None	OK				Their is no identifiable risk to end user Recycled Content: None Nanomaterials: Unknown
Hydroxyethylcellulose								
Hydroxyethyl cellulose	9004-62-0	0.2-0.5%	H315, H319, H335	OK				If exposed to the respiratory system, skin, and eyes, the substance can cause skin, eyes, and respiratory irritation.  The factory's OH&S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.  The manufacturer is ISO14001 certified.  In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.  Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user Recycled Content: None Nanomaterials: Unknown
DSPG (Mineral based mixture)								
Graphene Fibre	8002-13-9	0.01-0.1%	None	OK				Their is no identifiable risk to end user Recycled Content: None Nanomaterials: Unknown
Water	7732-18-5	0.01-0.1%	None	OK				Their is no identifiable risk to end user Recycled Content: None Nanomaterials: Unknown
Film preservative								
Proprietary	Preservative	0.1-0.2%	H400, H410, H301, H302, H311, H317, H318, H330, H331, H372, H314	OK				If exposed to the skin and eyes, the substance can cause skin sensitization and eye irritation. It is also harmful if inhaled or swallowed and toxic to aquatic life.  The factory's OH&S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.  The manufacturer is ISO14001 certified. The Tier 1 Supplier is ISO14001 certified.  In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.  Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user Recycled Content: None Nanomaterials: Unknown
Graded Sand								

Ingredient Name	CAS Number or Function	Proportion in Finished product	GHS, IARC and Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Quartz	14808-60-7	10-15%	H351	OK				<p>If exposed to the respiratory system, the substance is suspected of causing cancer.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Respirable crystalline silica	14808-60-7	0.01-0.1%	H351	OK				<p>If exposed to the respiratory system, the substance is suspected of causing cancer.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified.</p> <p>The composition of respirable silica in the final paint products is very low (&lt;0.1%).</p> <p>Exposure to the respirable silica only occurs in a wet paint product. This means exposure only occurs during the wet paint application. Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end user.</p> <p>Graphenstone confirms that all Nutech operators who handle these materials must follow the strict OHS procedures outlined in accordance with the Work Safe Australia criteria. All PPE outlined in the SDS is worn at all times whilst handling any chemical/raw materials. Regular work-safe Inspections are also conducted on-site to ensure these procedures are in place and instructed accordingly.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Titanium Dioxide (Catalyst)								

Ingredient Name	CAS Number or Function	Proportion in Finished product	GHS, IARC and Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Titanium dioxide	13463-67-7	1-5%	IARC 2B, H351	OK				<p>If exposed to the respiratory system, the substance is suspected of causing cancer.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Hollow ceramic Microspheres or Cenospheres								
Amorphous aluminosilicate	1327-36-2	5-10%	H315, H319	OK				<p>If exposed to the skin, and eyes, the substance can cause skin and eye irritation.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Mullite	1302-93-8	1-5%	H315, H319, H335	OK				<p>If exposed to the respiratory system, skin, and eyes, the substance can cause skin, eyes, and respiratory irritation.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>

Ingredient Name	CAS Number or Function	Proportion in Finished product	GHS, IARC and Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Quartz	14808-60-7	0.1-1%	H351	OK				<p>If exposed to the respiratory system, the substance is suspected of causing cancer.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified.</p> <p>PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Calcite	1317-65-3	0.1-1%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Silicic acid, Potassium salt								
Silicic acid, potassium salt	1312-76-1	3-5%	H318, H335, H314, H315, H290, H319	OK				<p>If exposed to the respiratory system, skin and eyes, the substance can cause eye damage, skin burns, skin irritation, eye irritation and respiratory irritation,</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary								

Ingredient Name	CAS Number or Function	Proportion in Finished product	GHS, IARC and Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Proprietary	Additive	0.1-0.5%	H350, H304, H372, H361	OK				<p>If exposed to the respiratory system, skin, and eyes, the substance may cause cancer and damage the organ. It is also suspected of damaging fertility.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary	Additive	0.1-0.2%	H350, H304, H372, H361	OK				<p>If exposed to the respiratory system, skin, and eyes, the substance may cause cancer and damage the organ. It is also suspected of damaging fertility.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Binder								
Proprietary	Binder	0.1-1%	None Declared	OK				<p>No Comment</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Water	7732-18-5	0.1-1%	None	OK				<p>No Comment</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
<p>Colouring agent</p> <p>Below is a compilation of substances declared on various ranges of coloring agents. Each coloring agent contains pigment and other substances, and different coloring agents will have different pigment used.</p> <p>Range of Pigment used (Each coloring agent will contain one specific pigment)</p>								

Ingredient Name	CAS Number or Function	Proportion in Finished product	GHS, IARC and Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Proprietary Pigment for Monicolor C MM Magenta	Pigment	1-5%	H412	OK				<p>If exposed to the aquatic environment, the substance may be harmful to aquatic life.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary Pigment for Coltec CYS Red Oxide	Pigment	5-10%	IARC3, H319, H411	OK				<p>If exposed to the eyes, the substance can cause eye irritation. It is also toxic to the aquatic environment.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary Pigment for Coltec CFS Black Oxide	Pigment	1-5%	H252, H251, H315, H319, H335	OK				<p>If exposed to the respiratory system, skin, and eyes, the substance can cause skin, eyes, and respiratory irritation.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>

Ingredient Name	CAS Number or Function	Proportion in Finished product	GHS, IARC and Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Proprietary Pigment for Coltec C KU White	Pigment	5-10%	IARC 2B, H351	OK				<p>If exposed to the respiratory system, the substance is suspected of causing cancer.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary Pigment for Coltec B MH Yellow HC	Pigment	5-10%	H318, H315	OK				<p>If exposed to the skin and eyes, the substance can cause skin irritation and eye damage.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary Pigment for Coltec C PS Green	Pigment	1-2%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary Pigment for Coltec C RS Blue HC	Pigment	5-10%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>

Ingredient Name	CAS Number or Function	Proportion in Finished product	GHS, IARC and Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Proprietary Pigment for Coltec C HS Blue Cobalt	Pigment	5-10%	H315, H319, H335	OK				<p>If exposed to the respiratory system, skin, and eyes, the substance can cause skin, eyes, and respiratory irritation.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary Pigment for Coltec C GS Green Oxide	Pigment	5-10%	H317, H319, H332, H360	OK				<p>If exposed to the respiratory system, skin, and eyes, the substance can cause eye irritation and skin sensitization, and damage fertility.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary Pigment for Coltec B QH Yellow HC	Pigment	5-10%	H319, H315	OK				<p>If exposed to the skin, and eyes, the substance can cause skin and eye irritation.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>

Ingredient Name	CAS Number or Function	Proportion in Finished product	GHS, IARC and Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Proprietary Pigment for Coltec B VH Red HC	Pigment	1-5%	H317, H413	OK				<p>If exposed to the skin, the substance can cause skin sensitization, and it is also toxic to the aquatic environment.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary Pigment for Coltec C IS Yellow BIVA	Pigment	5-10%	H373	OK				<p>Prolonged or repeated exposure to the substance through the respiratory system may cause damage to the organ.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary Pigment for Coltec C XS Black	Pigment	1-2%	IARC 2B, H351	OK				<p>If exposed to the respiratory system, the substance is suspected of causing cancer.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>

Ingredient Name	CAS Number or Function	Proportion in Finished product	GHS, IARC and Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Proprietary Pigment for Coltec CTS Yellow oxide	Pigment	5-10%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary Pigment for Coltec CLS Blue	Pigment	1-2%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Ranges of other substances consist in all the pigments assessed. Each pigment does not necessarily consist of every single substance below, but it will have some combination of the substances below.								
Proprietary	Solvent	1-2%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary	Anti-freeze agent	1-2%	H335	OK				<p>If exposed to the respiratory system, the substance can cause respiratory irritation.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary	Water Soluble preservatives	0.01-0.1%	H400, H318, H302, H332, H317, H410, H331, H372	OK				<p>If exposed to the respiratory system, skin, and eyes, the substance can cause eye damage, skin sensitization, and damage to the organ. It is also toxic if inhaled and toxic to the aquatic environment.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Water	7732-18-5	5-10%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>

Ingredient Name	CAS Number or Function	Proportion in Finished product	GHS, IARC and Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Proprietary	Surfactant	0.1-1%	H318, H412	OK				<p>If exposed to the eyes, the substance can cause eye damage. It is also toxic to the aquatic environment.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary	Filler	1-2%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary	Filler	1-2%	None	OK				<p>Their is no identifiable risk to end user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary	Surfactant	0.1-1%	H318, H315	OK				<p>If exposed to the skin and eyes, the substance can cause skin irritation and eye damage.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary	Emulsifier	0.1-1%	None	OK				<p>No Comment</p> <p>Recycled Content: None Nanomaterials: Unknown</p>

Ingredient Name	CAS Number or Function	Proportion in Finished product	GHS, IARC and Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Proprietary	Dispersant	0.1-1%	H318, H315	OK				<p>If exposed to the skin and eyes, the substance can cause skin irritation and eye damage.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary	Solvent	0.1-1%	H361	OK				<p>If exposed to the respiratory system, ingested, or in contact with skin, the substance is suspected to damage fertility.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>
Proprietary	Surfactant	0.1-1%	H318	OK				<p>If exposed to the eyes, the substance can cause skin and eye damage.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>

Ingredient Name	CAS Number or Function	Proportion in Finished product	GHS, IARC and Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Proprietary	Solvent	0.1-1%	H361	OK				<p>If exposed to the respiratory system, in-gested, or in contact with skin, the substance is suspected to damage fertility.</p> <p>The factory's OH&amp;S conditions and GGTI safety review indicates exposure is unlikely. The manufacturer has OHS and Environmental policies in place. PPE is worn while handling hazardous substances. Hazardous waste will not be disposed of in the waterways or environment but will be disposed of appropriately as per local environmental policy.</p> <p>The manufacturer is ISO14001 certified. The tier 1 supplier is ISO9001, ISO45001, and ISO45001 certified.</p> <p>In use, PPE such as gloves, masks, safety glasses, and boots are recommended during paint application and removal.</p> <p>Once applied and dried, this substance will be incorporated into a hard, durable, inert film and will not present a significant hazard to the end-user.</p> <p>Recycled Content: None Nanomaterials: Unknown</p>

**IARC and GHS Classification notes:**

- IARC2B: Possibly Carcinogenic to human
- IARC3: Not classifiable as to its carcinogenicity to human
- H251: Self-heating substances 1
- H252: Self-heating substances 2
- H301: Acute toxicity, oral 3
- H302: Acute toxicity, oral 2
- H311: Acute toxicity, dermal 3
- H314: Skin corrosion/irritation 1
- H315: Skin corrosion/irritation 2
- H317: Skin Sensitization 1
- H318: Serious eye damage/eye irritation 1
- H319: Serious eye damage/eye irritation 2A
- H330: Acute toxicity, inhalation 1,2
- H331: Acute toxicity, inhalation 3
- H335: Specific target organ toxicity, single exposure; Respiratory tract irritation 3
- H351: Carcinogenicity 2
- H360: Reproductive toxicity 1A, 1B
- H361: Reproductive toxicity 2
- H372: Specific target organ toxicity, repeated exposure 1
- H373: Specific target organ toxicity, repeated exposure 2
- H400: Hazardous to the aquatic environment, acute hazard 1
- H411: Hazardous to the aquatic environment, long-term hazard 2
- H412: Hazardous to the aquatic environment, long-term hazard 3

**Comments:**

The product has been tested for ther TVOC and Formaldehyde emission.  
 TVOC (DIN ISO 16000-6) : 10 µg/m<sup>3</sup>  
 Formaldehyde (DIN ISO 16000-3) : < 2 µg/m<sup>3</sup>