# Safety Data Sheet

## Prepared in Accordance with HCS 29 C.F.R. 1910.1200

## 1. Identification of the Substance/Mixture and the Company/Undertaking

**1.1 Product Identifier**

6475P0-0107

**Revision Date:** 03/13/2024

**Product Name:** Xpress Pigment-Pewter

**Supersedes Date:** 01/06/2023

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Component of multicomponent industrial coatings - Industrial use. Advised against: others than recommended

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer:**

Stonhard, Division of StonCor Group, Inc.
1000 East Park Avenue
Maple Shade, NJ 08052

+1 856 7797500 (US)

**Datasheet Produced by:** ehs@stonhard.com

**1.4 Emergency telephone number:**

+1 703-741-5970 - North America
+1 800-424-9300
+55 11 4349 1359 - South America
+52 55 8526 4930 - Central America
+44 20 3885 0382 - Middle East, Eastern Europe, Western Europe, and Africa
+65 3163 8374 - Asia, South Asia, And Oceania

## 2. Hazard Identification

**2.1 Classification of the substance or mixture**

Hazardous to the aquatic environment, Chronic, category 3
Carcinogenicity, category 2

### 2.2 Label elements

**Symbol(s) of Product**

**Signal Word**

Warning

**Named Chemicals on Label**

titanium dioxide

**HAZARD STATEMENTS**

| | | |
|---|---|---|
| Carcinogenicity, category 2 | H351 | Suspected of causing cancer. |
| Hazardous to the aquatic environment, Chronic, category 3 | H412 | Harmful to aquatic life with long lasting effects. |

**PRECAUTION PHRASES**

| | |
|---|---|
| P273 | Avoid release to the environment. |
| P284 | Wear respiratory protection. |
| P308+313 | IF exposed or concerned: Get medical advice/attention. |

### 2.3 Other hazards

No Information

**Results of PBT and vPvB assessment:**

No information

## 3. Composition/Information On Ingredients

### 3.2 Mixtures

**Hazardous ingredients**

| Name According to EEC | EINEC No. | CAS-No. | % | Classifications | |
|---|---|---|---|---|---|
| titanium dioxide | 236-675-5 | 13463-67-7 | 50 - <75 | H351 | Carc. 2 |
| dipropylene glycol dibenzoate | | 27138-31-4 | 25 - <50 | H412 | Aquatic Chronic 3 |
| red iron oxide | 215-168-2 | 1309-37-1 | 1.0 - <2.5 | | |
| carbon black | | 1333-86-4 | 0.1 - <1.0 | | |

| CAS-No. | M-Factors |
|---|---|
| 13463-67-7 | |
| 27138-31-4 | |
| 1309-37-1 | |
| 1333-86-4 | |

**Additional Information:** The text for GHS Hazard Statements shown above (if any) is given in Section 16.

## 4. First-aid Measures

### 4.1 Description of First Aid Measures

**GENERAL NOTES:** When symptoms persist or in all cases of doubt seek medical advice.

**AFTER INHALATION:** Move to fresh air. Consult a physician after significant exposure.
**AFTER SKIN CONTACT:** Use a mild soap if available. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
**AFTER EYE CONTACT:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. If eye irritation persists, consult a specialist.
**AFTER INGESTION:** Gently wipe or rinse the inside of the mouth with water. Give small amounts of water to drink. Never give anything by mouth to an unconscious person.

**Self protection of the first aider:**

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

### 4.2 Most important symptoms and effects, both acute and delayed

Harmful by inhalation.

### 4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

## 5. Fire-fighting Measures

### 5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam

**FOR SAFETY REASONS NOT TO BE USED:** Alcohol, Alcohol based solutions, any other media not listed above.

### 5.2 Special hazards arising from the substance or mixture

No Information

### 5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Dry powder Foam Carbon dioxide ($CO_2$).

## 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment.

### 6.2 Environmental precautions

No Information

### 6.3 Methods and material for containment and cleaning up

Pick up and transfer to properly labelled containers. No special environmental precautions required. After cleaning, flush away traces with water.

### 6.4 Reference to other sections

Please refer to disposal requirements or country specific disposal requirements for this material. See Section 8 and 13 for further information.

## 7. Handling and Storage

### 7.1 Precautions for safe handling

**INSTRUCTIONS FOR SAFE HANDLING:** Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment. Avoid prolonged contact with eyes, skin and clothing.
**PROTECTION AND HYGIENE MEASURES:** When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing.

### 7.2 Conditions for safe storage, including any incompatibilities

**CONDITIONS TO AVOID:** Avoid dust accumulation in enclosed space.
**STORAGE CONDITIONS:** Keep tightly closed in a dry and cool place.

### 7.3 Specific end use(s)

No specific advice for end use available.

## 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

**Ingredients with Occupational Exposure Limits (US)**

| Name | CAS-No. | ACGIH TWA | ACGIH STEL | ACGIH Ceiling |
|---|---|---|---|---|
| titanium dioxide | 13463-67-7 | 10 MGM3 10 MGM3 | | |
| dipropylene glycol dibenzoate | 27138-31-4 | | | |
| red iron oxide | 1309-37-1 | 5 MGM3 | | |
| carbon black | 1333-86-4 | 3 MGM3 | | |

| Name | CAS-No. | OSHA PEL | OSHA STEL |
|---|---|---|---|
| titanium dioxide | 13463-67-7 | 15 MGM3 | |
| dipropylene glycol dibenzoate | 27138-31-4 | | |
| red iron oxide | 1309-37-1 | 10 MGM3 | |
| carbon black | 1333-86-4 | 3.5 MGM3 | |

**FURTHER INFORMATION:** Refer to the regulatory exposure limits for the workforce enforced in each country.

### 8.2 Exposure controls

**Personal Protection**

**RESPIRATORY PROTECTION:** In case of insufficient ventilation wear suitable respiratory equipment. No personal respiratory protective equipment normally required.

**EYE PROTECTION:** Safety glasses with side-shields.

**HAND PROTECTION:** Impervious gloves.

**OTHER PROTECTIVE EQUIPMENT:** No Information

**ENGINEERING CONTROLS:** Ensure adequate ventilation, especially in confined areas.

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| **Appearance:** | Pigmented liquid |
| **Physical State** | LIQUID |
| **Odor** | Slight |
| **Odor threshold** | Not determined |
| **pH** | Alkaline |
| **Melting point / freezing point (°C)** | Not determined |
| **Boiling point/range (°C)** | N.D. - N.D. |
| **Flash Point, (°F / °C)** | >240F / >116C |
| **Evaporation rate** | Not determined |
| **Flammability (solid, gas)** | Not determined |

| | |
|---|---|
| **Upper/lower flammability or explosive limits** | N/A - N/A |
| **Vapour Pressure** | Not determined |
| **Vapour density** | Not determined |
| **Relative density** | Not determined |
| **Solubility in / Miscibility with water** | Soluble |
| **Partition coefficient: n-octanol/water** | Not determined |
| **Auto-ignition temperature (°C)** | Not determined |
| **Decomposition temperature (°C)** | Not determined |
| **Viscosity** | N/A |
| **Explosive properties** | Not applicable |
| **Oxidising properties** | Not applicable |

**9.2 Other information**

**VOC Content g/l:** <5.0

**Grams of VOC per liter of coating product as applied (mixture of Part A and Part B) per ASTM D2369 Method E.**

**Specific Gravity (g/cm3)** 2.118

## 10. Stability and Reactivity

**10.1 Reactivity**
No reactivity hazards known under normal storage and use conditions.

**10.2 Chemical stability**
Stable under normal conditions.

**10.3 Possibility of hazardous reactions**
Hazardous polymerisation does not occur.

**10.4 Conditions to avoid**
Avoid dust accumulation in enclosed space.

**10.5 Incompatible materials**
No Information

**10.6 Hazardous decomposition products**
Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), dense black smoke.

## 11. Toxicological Information

**11.1 Information on toxicological effects**

**Acute Toxicity:**

**Oral LD50:** No information

**Inhalation LC50:** No information

**Irritation:** No information available.

**Corrosivity:** No information available.

**Sensitization:** No information available.

**Repeated dose toxicity:** No information available.

**Carcinogenicity:** No information available.

**Mutagenicity:** No information available.

**Toxicity for reproduction:** No information available.

**STOT-single exposure:** No information available.

**STOT-repeated exposure:** No information available.

**Aspiration hazard:** No information available.

**If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:**

| CAS-No. | Chemical Name | Oral LD50 | Dermal LD50 | Vapor LC50 | Gas LC50 | Dust/Mist LC50 |
|---|---|---|---|---|---|---|
| 13463-67-7 | titanium dioxide | 10000 mg/kg, oral (rat) | | | 0.000 | 6,82 mg/l (rat) 4h |
| 27138-31-4 | dipropylene glycol dibenzoate | >2000 mg/kg Rat Dermal | | >200 mg/L Rat 4 h | 0.000 | 0.000 |
| 1309-37-1 | red iron oxide | >2000 mg/kg | | | 0.000 | 0.000 |
| 1333-86-4 | carbon black | >8000 mg/kg oral, rat | | | 0.000 | 0.000 |

**Additional Information:**

This product may contain Titanium Dioxide, which is listed by IARC as possibly carcinogenic to humans (Group 2B). This listing is based on inadequate evidence of carcinogenicity in humans and sufficient evidence in experimental animals. This classification is relevant when exposed to titanium dioxide in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities.

## 12. Ecological Information

**12.1 Toxicity:**

**EC50 48hr (Daphnia):** No information

**IC50 72hr (Algae):** No information

**LC50 96hr (fish):** No information

| | | |
|---|---|---|
| **12.2** | **Persistence and degradability:** | No information |
| **12.3** | **Bioaccumulative potential:** | No information |
| **12.4** | **Mobility in soil:** | No information |
| **12.5** | **Results of PBT and vPvB assessment:** | No information |
| **12.6** | **Other adverse effects:** | No information |

| CAS-No. | Chemical Name | EC50 48hr | IC50 72hr | LC50 96hr |
|---|---|---|---|---|
| 13463-67-7 | titanium dioxide | >100 mg/l (EC50, 48h, Daphnia magna OECD202)ation | No information | >1000 mg/l |
| 27138-31-4 | dipropylene glycol dibenzoate | No information | No information | 3.7 mg/l |
| 1309-37-1 | red iron oxide | No information | No information | 210.753 mg/l |
| 1333-86-4 | carbon black | No information | No information | |

## 13. Disposal Considerations

**13.1 WASTE TREATMENT METHODS:** If recycling is not practicable, dispose of in compliance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport Information

| | | |
|---|---|---|
| **14.1** | **UN number** | NONE |
| **14.2** | **UN proper shipping name** | NOT REGULATED |
| | **Technical name** | Not applicable |
| **14.3** | **Transport hazard class(es)** | NOT REGULATED |
| | **Subsidiary shipping hazard** | Not applicable |
| **14.4** | **Packing group** | Not applicable |
| **14.5** | **Environmental hazards** | Not applicable |
| **14.6** | **Special precautions for user** | Not applicable |
| | **EmS-No.:** | F-A , S-B |
| **14.7** | **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code** | Not applicable |

## 15. Regulatory Information

**15.1 Safety, health and environmental regulations/legislation for the substance or mixture:**

## U.S. Federal Regulations: As follows -

### CERCLA - Sara Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Carcinogenicity

### Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the U.S. Superfund Amendment and Reauthorization Act (SARA) of 1986 and 40 CFR part 372:

No SARA 313 substances exist in this product above de minimis concentrations.

### Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components exist in this product.

### U.S. Clean Air Act:

| | |
|---|---|
| EPA Coating Category: | Industrial Maintenance Coating |
| EPA VOC Content Limit (g/l): | 450 |
| Product VOC Content (g/l) | <5.0 |
| Thinning Recommendations: | The coating is to be applied without thinning. |
| Application Recommendations: | For professional use only. |

* As per the federal EPA definition for coating categories in 40 CFR 59.401.
** Grams of VOC per liter of coating product as applied (mixture of Part A and Part B) per ASTM D2369 Method E.

## U.S. State Regulations: As follows -

### New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product.

| Chemical Name | CAS-No. |
|---|---|
| non-hazardous trade secret | 18275200000-5091 |

### Pennsylvania Right-To-Know

The following non-hazardous ingredients are present in the product at greater than 3%.

| Chemical Name | CAS-No. |
|---|---|
| non-hazardous trade secret | 18275200000-5091 |

### California Proposition 65:

WARNING: Cancer - www.P65Warnings.ca.gov

No Proposition 65 Reproductive Toxins exist in this product.

## International Regulations: As follows -

*** Canadian DSL:**

All chemical ingredients included on inventory or exempt.

**15.2 Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## 16. Other Information

**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

| | |
|---|---|
| H351 | Suspected of causing cancer. |
| H412 | Harmful to aquatic life with long lasting effects. |

**Reasons for revision**

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Composition Information Changed
Substance and/or Product Properties Changed in Section(s):
 02 - Hazard Identification
 03 - Composition/Information On Ingredients
 09 - Physical and Chemical Properties
 15 - Regulatory Information
Revision Statement(s) Changed


List of References:

This Safety Data Sheet was compiled with data and information from the following sources:

- The Ariel Regulatory Database provided by the 3E Corporation in Copenhagen, Denmark.
- Joint Research Centre in Ispra, Italy.
- Regulation (EC) 1272/2008 with subsequent amendments.
- Regulation (EC) 1272/2006 with subsequent amendments.
- Commission Regulation (EU) 2020/878
- EU Council Decision 2000/532/EC and its Annex entitled "List of Wastes"
- Safety Data Sheet from raw material supplier
- The classification declared in sec. 2.2 is based on the calculation methods set out in
 Annex I and Annex II of the CLP Reg. 1272/2008 on the composition of the formula.

Acronym & Abbreviation Key:

CLP                Classification, Labeling & Packaging Regulation
EC                 European Commission
EU                 European Union
US               United States
CAS                Chemical Abstract Service
EINECS             European Inventory of Existing Chemical Substances
REACH              Registration, Evaluation, Authorization of Chemicals Regulation
GHS                Globally Harmonized System of Classification and Labeling of Chemicals
LTEL              Long term exposure limit
STEL              Short term exposure limit
OEL                Occupational exposure limit
ppm                Parts per million
mg/m3           Milligrams per cubic meter
```

| | |
|---|---|
| TLV | Threshold Limit Value |
| ACGIH | American Conference of Governmental Industrial Hygienists |
| OSHA | Occupational Safety & Health Administration |
| PEL | Permissible Exposure Limits |
| VOC | Volatile organic compounds |
| g/l | Grams per liter |
| mg/kg | Milligrams per kilogram |
| N/A | Not applicable |
| LD50 | Lethal dose at 50% |
| LC50 | Lethal concentration at 50% |
| EC50 | Half maximal effective concentration |
| IC50 | Half maximal inhibitory concentration |
| PBT | Persistent bioaccumulative toxic chemical |
| vPvB | Very persistent and very bioaccumulative |
| EEC | European Economic Community |
| ADR | International Transport of Dangerous Goods by Road |
| RID | International Transport of Dangerous Goods by Rail |
| UN | United Nations |
| IMDG | International Maritime Dangerous Goods Code |
| IATA | International Air Transport Association |
| MARPOL | International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 |
| IBC | International Bulk Container |
| RTI | Respiratory Tract Irritation |
| NE | Narcotic Effects |
| IMO | International Maritime Organization |
| Note P: | The classification as a carcinogen or mutagen need not apply; the substance contains less than 0,1 % w/w benzene |
| Note 10: | The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm. |

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.