

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/07/2015

Reviewed on 06/01/2018

1. Identification

- **Product Identifier**
- **Trade name: Acrylic Paints**
- **Product Number:**

DH001 Daffodil, DH002 Butter Cream, DH003 True Orange, DH004 True Red, DH005 Purple, DH006 Lavender, DH007 Dark Flesh, DH008 Black, DH009 Real Brown, DH010 Mustard, DH011 Beige, DH012 Leather Brown, DH013 Petal Pink, DH014 Rose, DH015 Mystic Purple, DH016 Flaxen Yellow, DH017 Flesh, DH018 Medium Brown, DH019 Light Grey, DH020 Sky Blue, DH021 Sand, DH022 Christmas Red, DH023 Bone, DH024 Terra Cotta, DH025 Toast, DH026 Lexington Green, DH027 Midnight Blue, DH028 Rust, DH029 White, DH030 Country Blue, DH031 Leaf Green, DH032 Christmas Green, DH033 Deep Beige, DH034 Soft Brown, DH035 Powder Blue, DH036 Navy Blue, DH037 Cream, DH038 Grass Green, DH039 Bright Blue, DH040 Turquoise, DH041 Willow Green, DH042 Dark Gray, DH043 Teal, DH044 Blue Suede, DH045 Shadow Green, DH046 Fog, DH047 Silver, DH048 Gold, DH049 Premier Gold, DH050 Regal Purple, DH051 Mauve, DH052 Cranberry, DH053 Peach, DH054 Native Flesh, DH055 Roughcut Bronze, DH056 Baby Pink, DH057 Spring Green, DH058 Buttercup Yellow, DH059 Periwinkle, DH060 Peaches & Cream, DH061 Aqua, DH062 Kings Copper Metallic, DH063 Obsidian Black Metallic, DH064 Purple Dragon Metallic, DH065 Egyptian Blue Metallic, DH066 Emerald Green Metallic, DH067 Ruby Red Metallic, DH068 Lime, DH069 Tangerine, DH070 Tropical Sun, DH071 Paradise, DH072 Rainforest, DH073 Flamingo, DH074 Mango, DH075 Citrus Green, DH076 Passion, DH077 Hibiscus, DH078 Blue Ocean, DH079 Caribbean Blue, DH080 Volcanic Orange Metal, DH081 Sunburst Metallic, DH082 Blue Steel Metallic, DH083 Golden Nugget Metallic, DH084 Crystal Ice Metallic, DH085 Fuchsia Fantasy Metal, DH086 Sea Foam, DH087 Papaya, DH088 Morgans Rum, DH089 Bird Of Paradise, DH090 Coral, DH091 Blue Lagoon, DH092 October Bronze, DH093 Indian Corn, DH094 Firewood, DH095 Olive, DH096 Cider, DH097 Amber, DH098 Pumpkin, DH099 Harvest Gold, DH100 Candlelit Beige, DH101 Coffee Rose, DH102 Sweet Dreams Mauve, DH103 Garden Sage, DH104 Make Me Blush, DH105 Deep Desire Rose, DH106 Pink Innocence, DH107 Sweet Melissa Pink, DH108 Hint Of Spring, DH109 Apple Blossom Green, DH110 Burst Of Mint, DH111 Forget-Me-Not Blue, DH112 Whispering Violet, DH113 Green Ivy, DH114 Petunia Pink, DH115 Tea Rose Red, DH116 Mirror Lake Metallic, DH117 Aged Brass Metallic, DH118 Bronze Essence Metallic, DH119 Sandizzle Metallic, DH120 Pale Glow Metallic, DH121 Silver Patina Metallic, DH122 Tangerine Ice Metallic, DH123 Violet Gleam Metallic, DH124 Polished Aqua Metallic, DH125 Honeyed Bronze Metallic, DH126 Pewter Luster Metallic, DH127 Golden Satin Metallic, DH128 Porcelain, DH129 Natural Ivory, DH130 Nude Beige, DH131 Creamy Natural, DH132 Soft Sable, DH133 Cappuccino, DH134 Tuscan Rose, DH135 Rich Amethyst, DH144 Old Fashion Santa Red, DH152 Iceberg Metallic, DH153 Green Ice Metallic, DH154 Evergreen Metallic, DH155 Silver Bells Metallic, DH156 Cranberry Ice Metallic, DH157 Blue Christmas Metallic, DH158 Angel Pink Metallic, DH159 Yule Log Metallic

- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description** Acrylic paint for application upon ceramic bisque ware and any craft surface.
- **Application of the substance / the mixture:**

Acrylic paint is a mixture containing water, thickening agents, biocides, opacifiers, water, clay, and other minerals and color pigments.

Contains potential carcinogens: Crystalline silica (quartz), as an inhalation *hazard*, may be present if:

 - Unfired, dried color is excessively handled and allowed to create dust.
 - Mist is present after spray application

Pigments consist of varying amounts of titanium dioxide, copper, aluminum and other metal oxides. These colorant ingredients have no known acute toxicity.

2. Hazards Identification

Classification of the substance or mixture:



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H335 May cause respiratory irritation. Eye Irrit. 2B H320 Causes eye irritation.

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

• Hazard pictograms:



GHS07

Signal word: Warning

Hazard-determining components of labeling:

Calcium Carbonate

Titanium Dioxide

Hazard statements:

Causes skin and eye irritation.

May cause respiratory irritation.

Precautionary statements:

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Wear protective gloves.

Wash thoroughly after handling.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/doctor if you feel unwell.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

Store locked up.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local/regional/national/international regulations.

• Unknown acute toxicity:

10.1 % of the mixture consists of component(s) of unknown toxicity.

• Classification system:

• NFPA ratings (scale 0-4)



Health = 1

Fire = 1

Reactivity = 0

• HMIS-ratings (scale 0-4)

Health = 1

Fire = 1

Reactivity = 0

Hazard(s) not otherwise classified (HNOC): None known

3. Composition/Information on Ingredients

Chemical characterization: Mixtures

Description: Mixture: consisting of the following components.

Dangerous Components:		
CAS: 471-34-1 RTECS: EV 9580000	Calcium Carbonate ⚠Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320	15-35%
CAS: 13463-67-7	Titanium Dioxide Carc. 2, H351; ⚠Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	5-10%
CAS: 1332-58-7	Kaolin	5-10%
CAS: 57-55-6 RTECS: TY 2000000	Propylene Glycol	2-12%

4. First-Aid Measures

Description of first aid measures:

•**After inhalation:** In case of unconsciousness place patient stably in side position for transportation.

•**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation occurs, consult a doctor.

•**After eye contact:**

Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.

•**After swallowing:** If swallowed and symptoms occur, consult a doctor.

•**Information for doctor:**

•**Most important symptoms and effects, both acute and delayed:**

Kaolin: Prolonged inhalation of excessive levels of kaolin may cause a benign pneumoconiotic condition, not normally associated with a decrement in lung function. In cases of long-term exposure to extremely high levels of dust, progressive fibrosis may occur with lung function impairment.

•**Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

5. Fire-Fighting Measures

Extinguishing media:

Suitable extinguishing agents: Use fire fighting measures that suit the environment.

Special hazards arising from the substance or mixture: No further relevant information available.

Advice for firefighters:

Protective equipment:

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Not required.

Environmental precautions: Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Dispose of the collected material according to regulations.

Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and Storage

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities:**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** No further relevant information available..
- **Specific end use(s):** No further relevant information available.

8. Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.

Control parameters:

Components with occupational exposure limits:

471-34-1 Calcium Carbonate

PEL	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL	Long term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV	TVL withdrawn

1332-58-7 Kaolin

PEL	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV	Long-term value: 2* mg/m ³ E; as respirable fraction

57-55-6 Propylene Glycol

WEEL	Long-term value: 10 mg/m ³
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- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.

•Exposure controls:

•Personal protective equipment:

•General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing and wash before reuse.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

•Breathing equipment:

 Not required.

•Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Select glove material based on penetration times, rates of diffusion and degradation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

• Penetration time of glove material:

The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

Eye protection:



Tightly sealed goggles

9. Physical and Chemical Properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:	Liquid
Color:	Various colors
Odor:	Slight
Odor threshold:	Not determined.

Change in Condition:

Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	100°C(212°F)

Flash point: 825°C(1517°F)

Flammability (solid, gaseous): Not applicable.

Ignition temperature: Not determined

Decomposition temperature: Not determined.

Auto igniting: Product is not self-igniting.

Danger of explosion: Product does not present an explosion hazard.

Explosion limits:

Lower:	0.0 Vol %
Upper:	0.0 Vol %

Vapor pressure @ 20 °C (68 °F): 23hPa(17mmHg)

Density:

Relative density:	Not determined.
Vapor density:	Not determined.
Evaporation rate:	Not determined.

Solubility in /Miscibility with:

Water: Not miscible or difficult to mix.

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic:	Not determined.
Kinematic:	Not determined.

Solvent content:

Organic solvents:	5.0 %
Water:	35.7 %
VOC content:	5.0 %
Solids content:	39.4 %

Other information: No further relevant information available.

10. Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11. Toxicological Information

- **Information on toxicological effects:**

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

471-34-1 Calcium Carbonate

Oral	LD50	6450 mg/kg (rat)
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13463-67-7 Titanium Dioxide

Oral	LD50	>10000 mg/kg (rat)
Dermal	LD50	> 10000 mg/kg (rabbit)
Inhalative	LD50/4 h	>6.82 mg/l (rat)

57-55-6 Propylene Glycol

Oral	LD50	20000 mg/kg (rat)
Dermal	LD50	20800 mg/kg (rabbit)
Inhalative	LD50/96 hours	52930 mg/l (Pimephales)
	Intravenous	6630 mg/kg (mouse)
		6423 mg/kg (rat)
		6500 mg/kg (rabbit)

- **Primary irritant effect:**

- **On the skin:**

Irritant to skin and mucous membranes.
May cause an allergic skin reaction.

- **On the eye:** Irritating effect.

- **Sensitization:** Sensitization possible through skin contact.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

- **Carcinogenic categories:**

- **IARC (International Agency for Research on Cancer):**

Group 1 - Carcinogenic to humans
Group 2A - Probably carcinogenic to humans
Group 2B - Possibly carcinogenic to humans
Group 3 - Not classifiable as to its carcinogenicity to humans
Group 4 - Probably not carcinogenic to humans

(a) Although IARC has classified titanium dioxide as possible carcinogenic to human (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products which titanium dioxide is bound to other materials, such as in cosmetics or in paints."

(b) OSHA does not regulate Titanium Dioxide as a carcinogen. However, under 29 CFR 1910.1200 the SDS must convey the fact that Titanium Dioxide is a potential carcinogen to rats.

13463-67-7 Titanium Dioxide

2B

- **NTP (National Toxicology Program):**

None of the ingredients are listed.

- **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

12. Ecological Information

Toxicity: Aquatic toxicity:

13463-67-7 Titanium Dioxide

EC50 >1000 mg/l (Water flea)

57-55-6 Propylene Glycol

EC50 >10000 mg/l (daphnia)

- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13. Disposal Considerations

Waste treatment methods:

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

14. Transport Information

UN-Number:

DOT, ADR, ADN, IMDG, IATA Non-Regulated Material

UN proper shipping name:

DOT, ADR, ADN, IMDG, IATA Non-Regulated Material

Transport hazard class(es):

DOT, ADR, ADN, IMDG, IATA

- **Class:** Non-Regulated Material

Packing group:

DOT, ADR, IMDG, IATA Non-Regulated Material

Environmental hazards: Not applicable.

- **Special precautions for user:** Not applicable.

- **Transport in bulk according to Annex II of**

MARPOL73/78 and the IBC Code: Not applicable.

- **UN "Model Regulation":** Non-Regulated Material

15. Regulatory Information

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

SARA (Superfund Amendments and Reauthorization):

Section 355 (extremely hazardous substances):

None of the ingredients are listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed.

- **California Proposition 65:**

- **Chemicals known to cause cancer:**

13463-67-7 Titanium Dioxide

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

- **Carcinogenic categories:**

- **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

TLV (Threshold Limit Value established by ACGIH):

13463-67-7 Titanium Dioxide	A4
1332-58-7 Kaolin	2mg/m3

- **NIOSH-Ca (National Institute for Occupational Safety and Health):**

13463-67-7 Titanium Dioxide

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



GHS07

Signal word: Warning

Hazard-determining components of labeling:

Calcium Carbonate

Titanium Dioxide

- **Hazard statements:**

Causes skin and eye irritation.

May cause respiratory irritation.

- **Precautionary statements:**

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Wear protective gloves.

Wash thoroughly after handling.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/doctor if you feel unwell.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

Store locked up.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- **National regulations:**

The product is subject to be classified according with the latest version of the regulations on hazardous substances.

State Right to Know:

CAS: 7732-18-5	Water, distilled water, deionized water	25-50%
CAS: 471-34-1	Calcium Carbonate	15-35%
RTECS: EV 9580000	⚠ Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320	
13463-67-7	Titanium Dioxide	5-10%
	<\$> Carc. 2, H351; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	
CAS: 1332-58-7	Kaolin	5-10%
CAS: 57-55-6	Propylene Glycol	2-12%
RTECS: TY 2000000		
CAS: 25265-77-4	12,2,4-Trimethyl-1,3-pentanediol monoisobutyrate	<2.5%

All ingredients are listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

Date of preparation / last revision: 06/01/2015

Prepared by: Coloramics LLC

Abbreviations and acronyms:

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B
Care. 2: Carcinogenicity, Hazard Category 2
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3