

01802-1009

Material Safety Data Sheet

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Section 1: Identification**1.1 PRODUCT IDENTIFICATION****PRODUCT NAME:** ART-3183 Water color -18 colors**USE OF PRODUCT:** Paint by artist, amateur and students**COLOR:** Chinese White, Lemon Yellow, Yellow Ochre, Gamboge, Orange Yellow, ,
Crimson, Rose Red, Light Green, Viridian, Cerulean Blue, Deep Blue, Cobalt
Blue, Prussian Blue, Violet, Burnt Sienna, Burnt Umber, Black**COMPANY DETAILS:****NAME:** C2F, Inc.**ADDRESS:** 6600 SW 111th Ave, Beaverton, OR 97008, USA**TEL:** +1-800-547-1544**FAX:** +1-800-637-7644**CONTACT PERSON:****EMAIL ADDRESS:** customer_service@c2f.com**1.2 EMERGENCY TELEPHONE****TEL:** +1-800-547-1544**Section 2: Hazard(s) Identification****2.1. Classification of the mixture***The product is not classified according to regulation (EC) No 1272/2008***2.2. Label elements***The products does not have to be labeled due to the calculation procedure of the
"General Classification guideline for preparations of the EU" in the latest valid version***2.3. Other hazard:** None**Section 3: Composition/Information on Ingredients**

Color	Component	CAS-No.	Composition
Chinese White	Water	7732-18-5	48.35128%
	Gum arabic	9000-01-5	17.32280%
	glycerine	56-81-5	2.12000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3- one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	6.05000%
	Silicon dioxide	7631-86-9	6.84000%
	Barium zinc sulfate sulfide (P.W.5)	1345-05-7	10.12000%
	Titanium dioxide (P.W.6)	13463-67-7	9.19580%
	Water	7732-18-5	58.86977%

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Lemon Yellow	Gum arabic	9000-01-5	17.13108%
	glycerine	56-81-5	2.13000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	7.26740%
	Silicon dioxide	7631-86-9	7.35000%
	2-[(4-Chloro-2-nitrophenyl)azo]-N-(2-chlorophenyl)-3-oxobutyramide(P.Y3)	6486-23-3	7.25163%
Yellow Ochre	Water	7732-18-5	49.67317%
	Gum arabic	9000-01-5	18.93000%
	glycerine	56-81-5	2.12000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	7.62000%
	Silicon dioxide	7631-86-9	2.10000%
	Iron hydroxide oxide yellow (P.Y.42)	51274-00-1	19.55671%
Gamboge	Water	7732-18-5	48.29723%
	Gum arabic	9000-01-5	20.08547%
	glycerine	56-81-5	2.13000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	7.12251%
	Silicon dioxide	7631-86-9	6.41026%
	2-[(4-Chloro-2-nitrophenyl)azo]-N-(2-chlorophenyl)-3-oxobutyramide(P.Y3)	6486-23-3	1.70940%
	2-(4-Methyl-2-nitrophenylazo)-N-phenyl-3-oxobutanamide; 2-[(4-Methyl-2-nitrophenyl)azo]-3-oxo-N-phenylbutanamide(P.Y1)	2512-29-0	14.24501%
Orange Yellow	Water	7732-18-5	43.85058%
	Gum arabic	9000-01-5	20.29660%
	glycerine	56-81-5	2.12000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	7.55059%

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	Silicon dioxide	7631-86-9	7.55059%
	4,4'-[(3,3'-dichloro{1,1'-biphenyl}-4,4'-diyl)bis(azo)]bis[2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one](P.O.13)	3520-72-7	9.57082%
	2-(4-Methyl-2-nitrophenylazo)-N-phenyl-3-oxobutanamide; 2-[(4-Methyl-2-nitrophenyl)azo]-3-oxo-N-phenylbutanamide(P.Y1)	2512-29-0	9.06070%
Rose Red	Water	7732-18-5	51.73047%
	Gum arabic	9000-01-5	21.49254%
	glycerine	56-81-5	2.15000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	10.44776%
	Silicon dioxide	7631-86-9	8.20896%
	Xanthylum, 9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7-dimethyl-, molybdatetungstatesilicate(P.R. 81:1)	80083-40-5	5.97015%
Vermilion	Water	7732-18-5	59.30120%
	Gum arabic	9000-01-5	17.58000%
	glycerine	56-81-5	2.15000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	8.96000%
	Silicon dioxide	7631-86-9	4.75000%
	4-[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide (P.R.170)	2786-76-7	2.31660%
	2-[(4-Chloro-2-nitrophenyl)azo]-N-(2-chlorophenyl)-3-oxobutyramide(P.Y3)	6486-23-3	4.94208%
Crimson	Water	7732-18-5	54.85430%
	Gum arabic	9000-01-5	18.23230%
	glycerine	56-81-5	2.13000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%

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	Aluminium Hydroxide (P.W.24)	21645-51-2	8.46120%
	Silicon dioxide	7631-86-9	6.84060%
	4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide (P.R.170)	2786-76-7	7.11111%
	Calcium 3-hydroxy-4-[(1-sulphonato-2-naphthyl)azo]-2-naphthoate(P.R.63:1)	6417-83-0	2.37037%
Light Green	Water	7732-18-5	48.05947%
	Gum arabic	9000-01-5	19.92651%
	glycerine	56-81-5	2.11000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	7.06614%
	Silicon dioxide	7631-86-9	6.35953%
	Polychloro copper phthalocyanine(P.G.7)	1328-53-6	0.96099%
	29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper (P.B.15)	147-14-8	0.39570%
	2-[(4-Chloro-2-nitrophenyl)azo]-N-(2-chlorophenyl)-3-oxobutyramide(P.Y3)	6486-23-3	8.62069%
	Barium zinc sulfate sulfide (P.W.5)	1345-05-7	6.50085%
Viridian	Water	7732-18-5	48.28603%
	Gum arabic	9000-01-5	20.02840%
	glycerine	56-81-5	2.14000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	7.10227%
	Silicon dioxide	7631-86-9	7.10227%
	Polychloro copper phthalocyanine(P.G.7)	1328-53-6	7.38636%
	Barium zinc sulfate sulfide (P.W.5)	1345-05-7	7.95455%
Cerulean Blue	Water	7732-18-5	51.38542%
	Gum arabic	9000-01-5	21.25461%
	glycerine	56-81-5	2.12000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	10.33210%
	Silicon dioxide	7631-86-9	5.90406%

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	Polychloro copper phthalocyanine(P.G.7)	1328-53-6	0.88561%
	29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper (P.B.15)	147-14-8	3.83764%
	Titanium dioxide (P.W.6)	13463-67-7	4.28044%
Deep Blue	Water	7732-18-5	53.65623%
	Gum arabic	9000-01-5	22.25519%
	glycerine	56-81-5	2.13000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	7.41840%
	Silicon dioxide	7631-86-9	6.67656%
	N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, molybdatetungstatephosphate(P.B.1)	1325-87-7	6.67656%
	Barium zinc sulfate sulfide (P.W.5)	1345-05-7	1.18694%
Cobalt Blue	Water	7732-18-5	46.52002%
	Gum arabic	9000-01-5	19.31507%
	glycerine	56-81-5	2.11000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	8.21918%
	Silicon dioxide	7631-86-9	5.47945%
	Ultramarine Blue (P.B.29)	57455-37-5	15.06849%
	Titanium dioxide (P.W.6)	13463-67-7	3.28767%
Prussian Blue	Water	7732-18-5	49.13827%
	Gum arabic	9000-01-5	20.18070%
	glycerine	56-81-5	2.14000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	8.19000%
	Silicon dioxide	7631-86-9	11.26000%

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	29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper (P.B.15)	147-14-8	4.69208%
	Iron hydroxide oxide Black (PBK.11)	1317-61-9	4.39883%
Violet	Water	7732-18-5	55.37073%
	Gum arabic	9000-01-5	19.61000%
	glycerine	56-81-5	2.13000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	6.83000%
	Silicon dioxide	7631-86-9	10.26000%
	29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper (P.B.15)	147-14-8	0.14144%
	8,18-dichloro-5,15-diethyl-5,15-dihydrodiindolo[3,2-b:3',2'-m]triphenodioxazine(P.V.23)	6358-30-1	5.65771%
Burnt Sienna	Water	7732-18-5	52.86442%
	Gum arabic	9000-01-5	17.23250%
	glycerine	56-81-5	2.13120%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	4.29220%
	Silicon dioxide	7631-86-9	5.72000%
	Iron hydroxide oxide red (P.R.101)	1309-37-1	10.24590%
	Iron hydroxide oxide yellow (P.Y.42)	51274-00-1	7.51366%
Burnt Umber	Water	7732-18-5	48.41275%
	Gum arabic	9000-01-5	17.68090%
	glycerine	56-81-5	2.14110%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	5.36000%
	Silicon dioxide	7631-86-9	8.16000%
	Iron hydroxide oxide red (P.R.101)	1309-37-1	6.96379%
	Iron hydroxide oxide Black (PBK.11)	1317-61-9	6.96379%
	Iron hydroxide oxide yellow (P.Y.42)	51274-00-1	4.31755%

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Lamp Black	Water	7732-18-5	58.21053%
	Gum arabic	9000-01-5	17.46000%
	glycerine	56-81-5	2.14000%
	mix of 5-Chloro-2-methyl-4-isothiazolin-3-one(CAS#:26172-55-4) + 2-Methyl-4-isothiazolin-3-one(CAS#2682-20-4) (3:1)	55965-84-9	0.00012%
	Aluminium Hydroxide (P.W.24)	21645-51-2	10.35503%
	Silicon dioxide	7631-86-9	7.39645%
	Carbon Black (P.BK.7)	1333-86-4	4.43787%

Section 4: First-Aid Measures

After skin Contact: If skin or hair contact occurs, Flush skin and hair with running water (and soap if available).Seek medical attention in event of irritation.

After eye Contact: If this Product comes in contact with eyes: Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

After ingestion: Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

After inhalation: If fumes, aerosols or combustion products are inhaled, remove from contaminated area. Other measures are usually unnecessary.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

These is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.

Combustion products and resulting gases

Carbon monoxide (CO) carbon dioxide (CO2) other pyrolysis products typical of burning organic material.

Special Protective Equipment

Avoid contamination with oxidizing agents i.e. nitrates, oxidizing acids, chlorine bleaches, pool chlorine etc. as ignition may result.

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Section 6: Accidental Release Measures

Personal Protection	Clean up waste regularly and abnormal spills. Avoid breathing dust and contact with skin and eyes .Wear protective clothing, gloves, safety glasses and dust respirator. Use dry clean up procedures and avoid generating dust.
Environmental Protection	Not applicable
Methods for cleaning up	Not applicable

Section 7: Handling and Storage

Handling Precautions	Store in cool, dry place in tightly closed receptacles. Keep ignition source away – Do not smoke.
Storage Precautions	Store in a cool location. Store away from flammable substances.

Section 8: Exposure Controls/Personal Protection

Respiration Protection	Not required.
Hand Protection	The glove material has to be impermeable and resistant to the products/the substance/the preparation. Due to missing test no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rate of diffusion and the degradation
Eye Protection	Not required
Skin Protection	Generally the product does not irritate the skin. If skin or hair contact occurs, Flush skin and hair with running water(and soap if available)

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Section 9: Physical and Chemical Properties

Appearance	Paste	Auto flammability	Product is not self-igniting.
Color	As per attached file	Explosive properties	Product dose not present explosion hazard
Odour	No	Oxidizing properties	Not available
PH	6.0-7.0	Vapor pressure	Not available
Boiling point/boiling range	Not available	Relative density	1.26-1.55 g/cm ³
Melting point/melting range	Not available	Solubility in water	Yes
Flash point	Not available	Partition coefficient	Not available
Flammability	No	Others	No

Section 10: Stability and Reactivity

Conditions to Avoid	No decomposition if used according to specifications.
Material to Avoid	No
Hazardous reactions	No dangerous reactions known

Section 11: Toxicological Information

Inhalation	No date available
Ingestion	No date available
Skin contact	Irritating effect possible
Eye contact	Irritating effect possible
Carcinogenicity	No date available
Other	No

Section 12: Ecological Information

Biodegradability	No date available
Bioaccumulative	No date available
Aquatic toxicity	No date available
Others	No

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Section 13: Disposal Considerations

Methods of disposal	Do not allow wash water from cleaning or process equipment to enter drains.
Dangers in disposal	No

Section 14: Transport Information

UN number	No
Hazard class	No
Packing group	No
Air transport	Unregulated
Sea transport	Unregulated
Inland transport	Unregulated

Section 15: Regulatory Information

15.1: Chemical safety assessment

NO

15.2: Chemical safety assessment

NO

Section 16: Other Information

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or express arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

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