



## Material Safety Data Sheet

Print date 2016-03-01  
Revision Date 2016-03-01

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

Substance or preparation trade name: Soft Pastel  
Company/undertaking name: Artarch Ltd.  
Address: Nanhe Industry Park, Jingwu Zhen, Xiqing District, Tianjin, China, 300382.  
Normal telephone No.: +86-22-23983586  
Emergency telephone No.: As above  
Fax: +86-22-23980555

### 2. Hazards Identification

There are no acute or chronic health hazards associated with the use of these products.

### 3. Composition/ Information on Ingredients

Please see attached detailed information for products.

### 4. First Aid Measures

**Immediate medical attention required?** N  
**Professional assistance from physician required?** N

Summary of first aid is as follows:

#### Inhalation

Remove to fresh air.

#### Skin contact

Take off all contaminated clothing immediately. Wash thoroughly with soap and water.

#### Eye contact

In the case of contact with eye, rinse with clean water for at least fifteen minutes and keep eye wide open while washing.

#### Ingestion

Keep at rest. If swallowed, seek medical advice attention. Do not induce vomiting.

### 5. Fire-fighting Measures

Suitable extinguishing media  
Use water spray, dry chemical and foam.  
Unsuitable extinguishing media  
No specific limitation.  
Special exposure hazards in fire: N  
Required special protective equipment for fire fighters:  
Use self-contained breathing apparatus, protective clothing.

### 6. Accidental Release Measures

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Personal precautions: N

Environmental precautions:

Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning: Sweep up.

### 7. Handling and Storage

Handling:

Avoid contact with mouth. When using, do not eat, drink and smoke.

Storage:

keep in a dry place.

Storage temperature: room temperature.

### 8. Exposure Controls/Personal Protection

Take measures to prevent: No requirement.

Exposure control limits and source: Not Applicable.

Respiratory protection: No required

Hand protection: No requirement

Skin protection: No requirement

Eye protection: No requirement

Hygiene Measures:

When using the product, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.

### 9. Physical and Chemical Properties

Appearance: Various colored solid

Odor: No

PH: 7.0-8.5

Boiling point/boiling point range: Not Established

Melting point/melting point range: Not Established

Flashpoint (°C) show close or open cup

Flammability (gas/solid): Not Applicable

Auto flammability: Not established

Explosive properties: Not applicable

Oxidation properties: Not applicable

Vapor pressure: Negligible

Relative density: 1.6g/cm<sup>3</sup>-1.8 g/cm<sup>3</sup>

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Solubility (water and fat): Less than 0.1%

### 10. Stability and Reactivity

#### Stability

Stable under normal conditions

#### Conditions to avoid:

Under recommended storage conditions is stable.

#### Materials to avoid:

Be away from strongly acid.

#### Hazardous decomposition products:

No hazardous decomposition products produced. The carbon dioxide may be produced when the products meet strongly acid.

### 11. Toxicological Information

#### General

No data is available on the product itself.

#### Concise description of toxicological properties follows, including any special health effects of constituents:

Products are not considered to be hazardous under normal conditions of use.

### 12. Ecological Information

#### Product information

No data is available on the product itself.

#### Behavior: No

#### Environmental fate:

No any adverse environmental effects

### 13. Disposal Considerations

Likely residues/waste product (if any): Compound

Safe handling of any residues/waste product:

Landfill or incinerate in accordance with federal, state or local requirements.

### 14. Transport Information

Special carriage precautions in carriage (on-site or externally): Not regulated.

Proper shipping name: Not regulated

Marine pollutant (No/P/PP): No

### 15. Regulatory Information

Supply label information (see appropriate part of labeling decision record)

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Note: Actual label may not be as above if product was supplied some time previously or labeling is in transition period.

Applicable EU provisions and associated UK legislation

Note: This data sheet does not constitute a use's assessment of workplace risk as required by HSEACT, COSHH management of health and safety at work regulations, or other health and safety legislation

### 16. Other Information

Training advice:

The information and recommendation contained herein are properly known by related peoples.

Recommended uses and restrictions: No further requirement

Further information sources: No

Other: No.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.

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ATTACHEMENT

Composition of 12 colors soft pastel

INGREDIENT	C.I. Pigment White 6	C.I. Pigment Yellow 1	C.I. Pigment Orange 13	C.I. Pigment Yellow 42	C.I. Pigment Violet 23	C.I. Pigment Red 170	C.I. Pigment Red 101	C.I. Pigment Blue 23	C.I. Pigment Blue 15	C.I. Pigment Green 7	C.I. Pigment Black 7	Calcium Carbonate	Dextrin	Water	Total
CAS NO.	13463-67-7	2512-29-0	3520-72-7	51274-00-1	6358-30-1	2786-76-7	1309-37-1	57455-37-5	147-14-8	1328-53-6	1333-86-4	471-34-1	9004-53-9	7732-18-5	
White	7.00%											85.00%	4.00%	4.00%	100.00%
Brilliant Yellow		4.50%										87.00%	5.00%	3.50%	100.00%
Shamrock	2.20%								0.30%			89.00%	5.00%	3.50%	100.00%
Leaf Green	0.60%	2.50%								1.40%		88.00%	4.00%	3.50%	100.00%
Brilliant Green		1.50%								3.50%		87.00%	4.00%	4.00%	100.00%
Brown				1.50%			0.25%				0.25%	90.00%	4.00%	4.00%	100.00%
Flesh	1.20%		0.50%									91.30%	4.00%	3.00%	100.00%
Crimson						4.50%		0.30%				86.70%	5.00%	3.50%	100.00%
Violet					2.00%							90.00%	4.00%	4.00%	100.00%
Blue								1.70%	1.30%			89.50%	4.00%	3.50%	100.00%
Deep Black											7.50%	85.00%	4.00%	3.50%	100.00%
Deep Orange			6.00%									85.00%	5.00%	4.00%	100.00%

Composition of stump (tortillion)

Name	CAS NO	Percent
Cellulose	9004-34-6	60%
Lignin	9005-53-2	40%
Total		100%

Composition of PAD

Name	CAS NO	Percent
Cellulose	9004-34-6	80%
Lignin	9005-53-2	20%
Total		100%