

SENT BY: *

+6629074808;

22-JUL-03 15:47;

PAGE 4/6

02-13-04 ✓

* Sargent WC Pencils *

20589-0129
- 0249

ARUNA COMPANY LIMITED

Dick Blick

K20171

November 11, 2002

Glaze

Material Safety Data Sheet

Section 1 - General Information

Manufacturer's Name : Aruna Company Limited

Address : 9/4 Bangchan Industrial Estate Serithai Road
Kannayao Bangkok 10230, Thailand

Telephone No. : 66 2 518 1383, 66 2 517 0039

Fax No. : 66 2 517 1098

E-mail No. : loraksc15.th.com

Prepared by : Peerapong Devaphalin

Synonyms : Colored Wooden Pencils, Aquarell

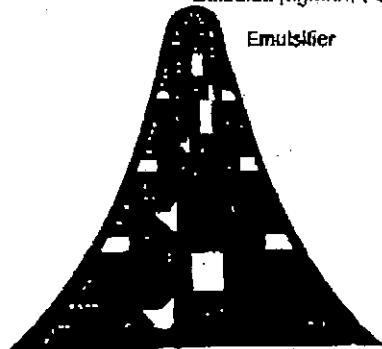
22-7204
22-7205

Section 2 - Ingredients

Ingredients (Chemical or Common name)

- Incense Cedar wooden slats
- Jelutong wooden slats
- Vinyl Acetate Dispersion (Latex Glue)
- Nitrocellulose Lacquer
- Coloured pigment (See attached sheet)

Emulsifier



9/4 BANGCHAN INDUSTRIAL ESTATE, SERITHAI ROAD, KANNAYAO, BANGKOK 10230 THAILAND.
P.O. BOX 32 BANGKOK 10240, TEL : 517-0039, 517 9423, 518-1383-5 FAX NO : 662-517-1098, 662-906-0802

V-3665

ARUNA COMPANY LIMITED

ABJAP.7

5/6

Section 3 - Physical Data

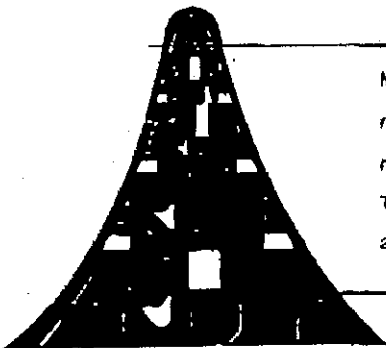
Appearance	: Solid	Freezing Point	: N/A
Odor	: Neutral	Percent Volatile	: N/A
Vapor Density	: N/A	Evaporation Rate	: N/A
Specific Gravity	: N/A	pH	: N/A
Solubility	: N/A	Melting Point	: N/A

Section 4 - Fire Hazard Data

Flash Point	: None
Fire and Explosion Hazard	: This material will burn, but will not ignite readily.
Hazardous Decomposition Products	: Normal combustion forms typical pyrolysis products including Carbon Dioxide, Water vapor and minor amounts of Oxides of Sulfur and Nitrogen. Incomplete combustion can produce Carbon Monoxide.
Extinguishing Media	: Extinguish fires with dry chemical, and/or Co ₂ , and/or water.
Special Fire - fighting Procedures	: Fire - fighters should be equipped with self-contained Breathing apparatus

Section 5 - Health Hazard Data

Machining wooden pencils generates wood dust which is an OSHA regulated product. For wood dust the Permissible Exposure Limit (PEL) is 5 mg./m³, as a time weighted average over an 8 - hour period, and the Short Term Exposure Limit (STEL) is 10 mg./m³ as a maximum exposure limit over a 15 - minute period.



AWARULL

6/6

ARUNA 36 COLOURED PENCILS

COLOUR	PIGMENT	CI NO.	PIGMENT	CI NO.	PIGMENT	CI NO.	CI NO.
1. WHITE	TITANIUM	100%					
2. YELLOW	YELLOW	100%					
3. ORANGE	ORANGE	100%					
4. RED	RED	100%					
5. PINK	PINK	100%					
6. BROWN	ORANGE	90%	BLACK	10%		CI NO. CARBON BLACK	
7. LT. GREEN	LT. GREEN	100%					
8. GREEN	GREEN	100%					
9. LT. BLUE	BLUE	11%	TITANIUM	80%			
10. BLUE	BLUE	100%					
11. VIOLET	VIOLET	34%	TITANIUM	68%			
12. BLACK	BLACK	100%					
13. LEMON YELLOW	LEMON YELLOW	100%					
14. ULTRA MARINE BLUE	ULTRA MARINE BLUE	100%					
15. MAGENTA	TITANIUM	80%	MAGENTA	20%		CI NO. 5680	
16. CARBINE	RED P1	60%	BLACK	40%			
17. DARK BROWN	ORANGE	84%	BLACK	16%			
18. DARK BLUE	BLUE	95%	BLACK	5%			
19. GRAY	TITANIUM	95%	BLACK	5%			
20. LT. VIOLET	TITANIUM	85%	VIOLET	15%			
21. LT. ORANGE	TITANIUM	85%	ORANGE	15%			
22. LT. BROWN	ORANGE	95%	BLACK	5%			
23. DARK GREEN	GREEN	95%	BLACK	5%			
24. VERMILION	RED P1	100%					
25. LT. YELLOW	TITANIUM	90%	YELLOW	10%			
26. CHROME YELLOW	YELLOW	95%	PINK	5%			
27. PALE RED	TITANIUM	80%	RED	20%			
28. RED ORANGE	ORANGE	80%	PINK	20%			
29. ROSE PINK	PINK	70%	TITANIUM	30%			
30. LT. MAGENTA	TITANIUM	90%	MAGENTA	10%			
31. OCEAN BLUE	LEMON YELLOW	5%	BLUE	15%			
32. LEAF GREEN	TITANIUM	80%	GREEN	20%		CI NO. GREEN 7	
33. BARRACK GREEN	LEMON YELLOW	85%	GREEN	10%			
34. OLIVE GREEN	YELLOW	85%	BLUE	10%			
35. GOLD	GOLD	50%	TITANIUM	40%			
36. SILVER	SILVER	55%	TITANIUM	45%			