







**67828-1509**

		Material Safety Data Sheet	
		provisionally Globally Harmonized System of Classification and Labelling of Chemicals (GHS) 1/6P.	
REV. Date: 10-Feb-2009		Hazard Alert Code: Min/Nil=0	
<b>Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>			
1.1	PRODUCT ITEM NUMBER	MAC-12,24,36 TIN CASE MAC-15,30	
1.2	OTHER NAME	WATER SOLUBLE OIL PASTEL	
1.3	PRODUCT NAME	MUNGYO AQUA CRAYON	
1.4	COMPANY IDENTIFICATION MANUFACTURE'S NAME	MUNGYO KYOJAI CO.	
	ADDRESS	44-20 EUBANG-DONG, KIMHAE, KYUNGNAM, KOREA	
	Emergency Telephone Number	During office hours: Tel : 82-51-321-0805 Fax: 82-51-321-0840 Out of office hours: Tel :82-10-5106 7993	
1.5	HARZARD RATINGS		
		Min	Max
	Flammability	0 I	Min/Nil=0
	Toxicity	0 I	Low=1
	Body Contact	0 I	Moderate=2
	Reactivity	0 I	High=3
	Chronic	0 I	Extreme=4
<b>Section 2. HARZARD IDENTIFICATION</b>			
Not classified as hazardous under GHS parts 2, 3 or 4			
<b>Section3. COMPOSITION / INFORMATION ON INGREDIENTS</b>			
3.1	COMPOSITION	Name	Cas No
			%
		TITANIUM DIOXIDE	13463-67-7
		TALC	14807-96-6
		VEGETABLE OIL	8001-79-4
		POLYOXYETHYLENE GLYCOL	25322-68-3
		STEARIC ACID	0057-11-04
		HYDROGENATED ANIMAL FATS OIL	68953-18-4
		PIGMENT	
			5--30
			5--20
			14
			21
			20
			10
			1--10
3.2	HAZARDOUS INGREDIENTS:	None.	
3.3	CLASSIFICATION / SYMBOL:	Not applicable.	

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<b>Section4. FIRST AID MEASURES</b>		
EYE CONTACT		Rinse with plenty of water. In case of irritation, seek medical advice.
SKIN CONTACT		Wash with water.
INHALATION		Move person to fresh air. In case of indisposition, seek medical advice.
INGESTION		Symptomatic treatment. In case of indisposition, seek medical advice
<b>Section5. FIRE-FIGHTING MEASURES</b>		
Non-flammable, non- combustible substance.		
<b>Section6. ACCIDENTAL RELEASE MEASURES</b>		
<p>Will not mix with water. Do not flush down drains. Slippery when wet . cordon off for road and pedestrian traffic. In case of spillage, wear respirable protection and sweep and collect And dump in licensed landfill site. Avoid contact with acids.</p> <p><b>SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS</b></p> <div style="text-align: center;">  <p style="text-align: center;">X      X      X      X      X      X</p> <p>X: Must not be stored together O: May be stored together with specific preventions +: May be stored together</p> </div>		
<b>Section7. HANDLING AND STORAGE</b>		
7.1	HANDLING	Avoid contact with skin, wear respirable protection if Excessive dust is released from opened packaging.
7.2	STORAGE	Store in original packaging, under dry conditions. Do not store with acids.
<b>Section8. EXPOSURE CONTROL / PERSONAL PROTECTION</b>		
8.1	RESPIRATORY PROTECTION	Not Applicable
8.2	HAND PROTECTION	Not Applicable
8.3	EYE PROTECTION	Not Applicable

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8.4	SKIN PROTECTION	Not Applicable	
8.5	ENVIRONMENTAL EXPOSURE CONTROLS	Not Applicable	
<b>Section 9. PHYSICAL AND CHEMICAL PROPERTIES</b>			
9.1	GENERAL INFORMATION		
	APPEARANCE	Solid Stick	
	COLOUR	White & Colour	
	ODOUR	Odour	
9.2	HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION		
	pH VALUE	8.5 - 9.5 (100 g/l / 20 °C)	
	MELTING POINT	60 °C (102 bar)	
	BOILING POINT	Not applicable	
	FLASH POINT	Not applicable	
	EVAPOURATION RATE	Not applicable	
	FLAMMABILITY	Non-flammable	
	UPPER/LOWER FRAMMABILITY Or EXPLOSIVE LIMITS	Not applicable	
	EXPLOSIVE PROPERTIES	Not explosive	
	VAPOUR PRESSURE	Negligible	
	VAPOUR DENSITY	Not applicable	
	RELATIVE DENSITY	1.9 (20 °C)	
	SOLUBILITY		
	A) WATER-SOLUBILITY	Data not available	
	B) FAT-SOLUBILITY	Data not available	
	PARTITION COEFFICIENT		
	N-OCTANOL/H <sub>2</sub> O	< 1 (estimation)	

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AUTO-IGNITION TEMPERATURE			no self-ignition
DECOMPOSITION TEMPERATURE			Not applicable
VISCOSITY			Not applicable
<b>Section10. STABILITY AND REACTIVITY</b>			
10.1	REACTIVITY		None known
10.2	CHEMICAL STABILITY		Stable
10.3	POSSIBILITY OF HAZARDOUS REACTIONS		None known
10.4	CONDITIONS TO AVOID		None known
10.5	INCOMPATIBLE MATERIALS		Avoid contact with acids
10.6	HAZARDOUS DECOMPOSITION PRODUCTS		Can react with acids under the formation of carbon of carbon dioxide (CO <sub>2</sub> ) that can displace oxygen (danger of suffocation).
10.7	FURTHER INFORMATION		None
<b>Section11. TOXICOLOGICAL INFORMATION</b>			
	Acute/Chronic TOXICITY		Products bearing the CP certified products or AP approved products seals of the art & creative
	Skin Corrosion/Irritation		Not available
	Serious Eye Damage/Irritation		Not available
	Respiratory or skin irritation		Not available
	Germ cell mutagenicity		Not available
	Carcinogenicity Data		Not available
<b>Section12. ECOLOGICAL INFORMATION</b>			
	This product has not been evaluated for overall environmental effects		
<b>Section13. DISPOSAL CONSIDERATION</b>			
	Contain and place in approved container. Dispose of per local,state,and federal regulations		
<b>Section14. TRANSPORT INFORMATION</b>			
	DOT Classification(US)		None allocated

 <b>MUNGYO</b> 株式会社 夢野		<b>Material Safety Data Sheet</b> provisionally Globally Harmonized System of Classification and Labelling of Chemicals (GHS) 5/6P.
TDG Classification(Canada)	None allocated	
ADR/RID Classification(Europe)	None allocated	
UN Proper shipping name	None allocated	
GGVSee/IMDG CODE	None allocated	
ICAO/IATA-DGR	None allocated	
<b>Section15. REGULATORY INFORMATION</b>		
R-phrases	None	
S-phrases	None	
OSHA hazard communication status	This product is not considered to be a hazardous under OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200	
<b>Section16. OTHER INFORMATION</b>		
For further product safety information call 82-10-8209-4546		
<p>The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification.</p> <p>It is the responsibility of user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use.</p>		
MUNGYO KYOJAI CO.      10-Feb-2009.		