


MATERIAL SAFETY DATA SHEET

According to 93/112/EEC

Page: 1
 Issue nr : 1
 Date : AUG.10.2015

Product name SPLASH JET REACTIVE INK	Code DTP INK
1. Identification of the Product	
Identification of the Product	Direct Digital Textile Printing Ink
Use	Digital Printing Industry
Company Identification	VISCOSMO CO., UNIT#2803, Heungdeok IT VALLEY, 13, Heungdeok 1-ro, Giheung, Yongin-si,16954, KOREA
2. Hazards Identification	
2.1 Classification of the substance and mixture	
Acute toxicity, Oral (Category 4)	
Skin imitation (Category 2)	
2.2. Label elements	
Pictogram	
Signal word	Warning
Hazard statement(s)	
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
Precautionary statements(s)	
Prevent	
P261	Avoid breathing dust/fume/gas/mist/spray
P264	Wash thoroughly after handling
P270	Do not eat. Drink or smoke when using this product
P280	Wear protective gloves
Response	
P301 + P312	If swallowed : call a poison center of physician if you feel unwell
P302 + P352	If on skin :Wash with soap and water
P305 + P351 + P338	If in eyes rinse cautiously with water for several minutes, remove contact lenses, if present and easy to do, continue rinsing
P332 + P313	If skin irritation occurs : Get medical advice / attention
P337 + P313	If eye irritation persists : Get medical advice / attention
P362	Take off contaminated clothing and wash before reuse
Storage	
P405	Store locked up
Disposal	
P501	Dispose of contents/container to licensed company
Supplemental hazard statement(s)	No data available

MATERIAL SAFETY DATA SHEET

According to 93/112/EEC

Page: 2

Issue nr : 1

Date : AUG.10.2015

Product name SPLASH JET REACTIVE INK	Code DTP INK		
3. Composition / Information on Ingredients			
Chemical Characterisation	CAS Number	EINECS Number	Ratio (%)
Organic dye stuffs(Yellow)	71838-98-7		
Organic dye stuffs(Magenta)	113653-03-5		
Organic dye stuffs(Cyan)	61968-93-2		15.0
Organic dye stuffs(Black)	17095-24-8		
Organic dye stuffs(Blue)	72927-99-2		
Organic dye stuffs(Orange)	70161-14-7		
Glycerine	56-81-5		5.0
water	7732-18-5		80.0
4. Emergency and first aid measures			
General advice			
- If Inhaled	Remove to fresh air		
- On Skin Contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse		
- On Contact with Eyes	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice		
- On Ingestion	Rinse mouth		
5. Fire-Fighting Measures			
Extinguishing media	Not Flammable		
Special exposure hazards	Not Flammable		
Protection against fire	Not Flammable		
6. Accidental release measures			
Personal precautions	Wear suitable protective clothing and gloves.		
Environmental precautions	Comply with local regulations for container disposal. Notify authorities if product enters sewers or public waters.		
After spillage / leakage	Sweep or shovel spills into appropriate container for disposal.		
7. Handling and storage			
Storage	Keep away from heat. Keep container closed when not in use.		
Handling	Avoid all unnecessary exposure. Handle in accordance with good industrial hygiene and safety procedures.		

MATERIAL SAFETY DATA SHEET

According to 93/112/EEC

Page: 3

Issue nr : 1

Date : AUG.10.2015

Product name SPLASH JET REACTIVE INK	Code DTP INK
8. Exposure Controls / Personal Protection	
Personal protection	
- Respiratory protection	Approved dust or mist respirator should be used if airborne particulate is generated when handling this material.
- Skin protection	Gloves
- Eye protection	Chemical goggles or safety glasses.
- Ingestion	When using, do not eat, drink or smoke.
Industrial hygiene	Local exhaust is recommended where dusting may occur.
9. Physical and Chemical Properties	
Appearance and physical state	Water base Liquid
Colour	Black / Blue / Red / Yellow / Orange
Viscosity(cp)	<10
Particle size(mean diameter)	<0.2 μm
pH value	4.0 ~ 8.0
Boiling point	~100 °C
Solubility in water	Miscible
Melting Point	~0 °C
Volatiles	N/E
Volatile organic compounds (VOC)	N/E
Flash Point	Not Detection (Water base)
10. Stability and reactivity	
Hazardous decomposition products	Burning can produce CO _x , SO _x , NO _x .
Hazardous reactions	Stable
Hazardous properties	None
Materials to avoid	Strong reducing agents
11. Toxicological information	
Rat oral LD50 [mg/kg]	> 9000mg/kg
Rabbit dermal LD50 [mg/kg]	No data available
Rat inhalation LC50 [mg/1/4h]	No data available
Dermal irritation (rabbit)	Not irritant

MATERIAL SAFETY DATA SHEET

Page: 4

Issue nr : 1

According to 93/112/EEC

Date : AUG.10.2015

Product name SPLASH JET REACTIVE INK	Code DTP INK
12. Ecological information	
LC50 [mg/l]	No data available
WGK (Water risk class)	No data available
Biodegradation [%]	No data available
AOX	No data available
13. Disposal considerations	
Disposal	Dispose in accordance with local/national regulations.
14. Transport information	
General information	Not regulated - No hazardous product
15. Regulatory information	
Symbol(s)	None
R Phrase(s)	R43 May cause sensitisation by skin contact
S Phrase(s)	S22 Do not breathe dust. S24 Avoid contact with skin. S25 Avoid contact with eye.
16. Other information	
Recommended uses and restrictions	None
<p>The contents and format of this MSDS are in accordance with EEC Commission Directive 93/112/EEC.</p> <p>DISCLAIMER OF LIABILITY: 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 expense 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.</p> <p style="text-align: right;">End of document</p>	