SAFETY DATA SHEET					SDS No: SDS-LDT-22/1 Revision No: 0 Date of issue: 19/09/11		0		
	1. IDE	NTIFICATIO	on of the	E SUBSTANC	E AND OF		ANY		
	Pro	duct name	:	Brush tip Ma	rker Pen				
	Name of th	e company	:	LEADERART					
	Conta	ct address		7, Jalan Kuk Malaysia.	oh, Tampoi	, 80350 Joł	or Bahru,	Johor,	
	Conta		•	Tel : (07) 236	4011	Fax : (07) 2	2361793		
			2 44745	RDS IDENTIFI	CATION				
Note 1: ⁽¹⁾					OATION				
Hazard clas	sification of	f product ⁽²⁾	:	Not classifie	d as hazaro	lous			
Hazard symbo	ls and sign	al words ⁽³⁾	:	Not applicab	le				
Risk /	Safety (R/S)	Phrases (4)	:	Not applicab					
				Health effect	of skin co	ntact with r	nolten poly	mer, see	
	Poutos a	fornosuro		Section 4. Health effect	of eve con	tact with in	k see See	tion 4	
5	Symptoms of	of exposure of exposure		Not applicab	•		n, 300 300		
Effe	ects of acut	e exposure	:	Not applicab					
	s of chroni	•		Not applicab					
Conditions ag	gravated b	y exposure		Not applicab	le				
		3. COMPO	SITION / II	NFORMATION	ON INGRE	DIENTS			
Note 2: ⁽⁵⁾									
Ingredient		EINECS	Conclus	Hazard	R / S Phrases	LC50	LD50	Exposure	
name	CAS No.	No.	Conc'n %	symbols	(6)	(Species & route)	(Species & route)	limit values	
Water based ink	N/A	N/A	20.0	N/A	N/A	N/A	N/A	N/A	
Polyester	N/A	N/A	10.0	N/A	N/A	N/A	N/A	N/A	
Polyethylene	9002-88-4	N/A	15.0	N/A	N/A	N/A	N/A	N/A	
Polypropylene	9003-07-0	N/A	55.0	N/A	N/A	N/A	N/A	N/A	
			4. FIRS	ST AID MEAS	URES				
		Inhalation		Not applicab					
Inhalation: Ingestion:			Not applicab						
		-							
	c	kin oontoot		If contact wi					
	Skin contact :				injury. Thermal burns require immediate medical attention. Ink may cause eye irritation. Immediately flush with water				
				continuously for at least 15 minutes. Seek medical					
						attention as needed. First aid is normally not required. If swallowed, obtain			
	E	Eye contact	:	attention as			f owellows	d ebte:	
	E Additional i	•		attention as	ormally not	required. I	f swallowe	d, obtain	
		•		attention as First aid is n	ormally not	required. I	f swallowe	d, obtain	

Conditions of flammability :	Excessive heat at 200 Deg C.
	Foam, water spray of fog, dry chemical powder, carbon
Suitable extinguishing media :	dioxide.
	Do not use water jets since they could help to spread the
Extinguishing media to be avoided :	flames.
Special fire fighting procedures :	Not required
Special protective equipment for fire	
fighters :	Respiratory & eye protection.
	Treat solid that can burn. Molded parts generally burn
	slowly with a low smoke density & flaming drips. Under
Unusual fire / explosion hazard :	certain conditions can burn with a high smoke density.
	Under Oxygen lean condition, Carbon monoxide & irritating
Hazardous combustion products :	smoke may be produced.
6. ACCIDI	ENTAL RELEASE MEASURES
Devenuel average there	Net required
Personal precautions :	Not required
Environmental precautions : Methods for containment and	Not required
	Diek un 8 collect in quitable container for disposel
cleaning up :	Pick up & collect in suitable container for disposal.
Special indications :	Not required
7 H/	ANDLING AND STORAGE
1.11	
Handling procedures and equipment :	Not required
	Store in a cool, dry and well ventilated place, away from
Conditions for safe storage :	direct heat or sunlight.
Precautions during handling and	Avoid freezing, sparks & open flames. Do not store near
storage :	strong oxidizing agents.
8. EXPOSURE CO	ONTROLS / PERSONAL PROTECTION
(7)	
Exposure limit values of product ⁽⁷⁾ :	Not established.
Personal protective equipment to be	
used	
Gloves / Type :	Not required
Respiratory / Type :	Not required
Eye / Type :	Not required
Footwear / Type :	Not required
Clothing / Type :	Not required
Other / Type :	Not required
Specific engineering controls to be	Not no wing d
used :	Not required
Environmental exposure controls to	Not no mino d
be used :	Not required
	L AND CHEMICAL PROPERTIES
3. FITI SICA	
Physical state :	Solid
Appearance and odour :	Solid & odourless
Odour threshold (ppm) :	Not applicable
Colour :	As per product characteristic
pH :	Not applicable
Boiling point :	Not applicable
Freezing point :	Not applicable
Melting point :	> 165 Deg C
	Not applicable
Flammability (Solid, Gas) :	Not applicable

Fish point and method of determination : Not applicable ILFL/LEL: Not available LFL/LEL: Not available Not applicable Auto ignition temperature : Not applicable Sensitivity to mechanical impact : Not applicable Sensitivity to to tatic discharge : Not applicable Sensitivity to mechanical impact : Not applicable Solubility(les) : Insoluble Cefficient of H2O / oil distribution : Not applicable Viscosity in centistokes or SUS (at 40 degr C or 100 deg F) : Not applicable Vapour density (Ar = 1) : Not applicable Uscosity in centistokes or SUS (at 40 degr C or 100 deg F) : Not applicable 10. STABILITY AND REACTIVITY Chemical stability : Product is stable. Conditions of reactivity : Excensive heat at 200 Deg C. Incompatible materials and conditions : Strong oxidizing agent. Under Oxygen lean condition,Carbon monoxide & irritating materials and conditis is strong oxidizing agent. LC				
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Environmental fate : bioaccumulate.		· · ·		
	Environmental fate :	bioaccumulate.		

13. DI	ISPOSAL CONSIDERATIONS
Waste disposal method: Handling of dangerous residues during disposal: Local / National regulations relating to waste:	Place in an appropriate disposal facility in compliance with local regulations. Not ordinially required. None
14. T	TRANSPORT INFORMATION
Transport classification : Proper shipping name : Hazardous material description : PIN / UN number : Transport Hazard class : Packing group : Marine pollutant : Other applicable information : Special precautions during transport :	Non-hazardous for air, sea and road freight. Not regulated Not available Product is not included in the UN classification of dangerous substances. Not available None No No None
15. R	EGULATORY INFORMATION
Label information: National regulations / local recommendations:	None Not available
10	6. OTHER INFORMATION
Full text of R phrases (Under Headings 2, 3 & 15) : Sections revised in the SDS ⁽⁹⁾ : Other important information :	Not for children under 3 vears.
Sections revised in the SDS ⁽⁹⁾ : Other important information :	Not for children under 3 years.

FOOTNOTE		
(1) Note 1	This section needs information on the product as a whole	
(2)Hazard classification of product	International / National / Regional classification	
(3)Hazard symbols and signal words	Hazard symbols: Graphical reproduction of the symbols in black and white or the name of the symbol e.g. flame, skull with crossbones.Signal words: Danger, Warning, Caution etc.	
(4)R/S Phrases	Just specify the R/S phrasesThe full explanation of the R/S phrases can be given under Heading 16.	
(5)Note 2	The below values should be specific to the individual ingredientsand not the product as a whole.	

(6)R / S Phrases	Just specify the R/S phrasesThe full explanation of the R/S phrases can be given under Heading 16.
(7)Exposure limit values of product	These values are to be specified for the product as a whole.
(8)LC50 / LD50 of product (Species and route)	These values are to be specified for the product as a whole.
(9)Sections revised in the SDS	This information is needed only when the SDS is revised.