Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

consulted for specific requirer	ments.		OND NO. 1210-007	2					
IDENTITY (As Used on Label OPC Drum (SY-B00		acsimile TF50	01,TF505,TF601,TF60	05 and TF610					
Section I									
Manufacture's Name			Emergency Teleph	one Number					
TEC CORPORATIO	N								
Address (Number, Street, Cit	Telephone Number	for Information	n	***************************************					
Shuwa-Shiba Park E	03-3438-694	8							
2-4-1, Shibakoen		Date Prepared							
Minato-ku, Tokyo 10		1-Oct-98			***************************************				
			Signature of Preparer (optional)						
Section II - Hazardous Ingre	edients/Identity In	formation							
Hazardous Components					Other Limits				
(Specific Chemical Identity; Con	nmon Name(s))		OSHA PEL	ACGIH TLV	Recommended	% (optional			
Binder resin			N.A.	N.A.	N.A.	0.5			
Charge carrier trans	nod motodal		N.A.	N.A.	N.A.	0.4			
Charge Carrier trans	port material	***************************************	IV.A.		N.A.	U.4			
Pigment		***************************************	N.A.	N.A.	N.A.	0.1			
	***************************************	TT				***************************************			
Under coat material			N.A.	N.A.	N.A.	0.1			
Aluminum	***************************************	***************************************	N.A.	N.A.	N.A.	98.9			
Section III - Physical/Chemi	cal Characteristic	s							
Boiling Point N. A.		N. A.	Specific Gra		1.2				
Vapor Pressure (mm Hg.) N. A.			Melting Point	t		N. A.			
Vapor Density (AIR=1)			Evaporation						
N. A.			(Butyl Acetat		N. A.				
Solubility in Water									
	Insoluble								
Appearance and Odor '									
	Greenish-blue	, solid cylinde	r and odorless		·				
Section IV - Fire and Explos	ion Hazard Data								
Flash Point (Method used)			Flammable L	imits	LEL	UEL			
	N. A.				N.A.	N.A.			
Extinguishing Media					•				
	Water, foam, 0	CO₂ and dry c	hemicals						
Special Fire Fighting Procedu	ıres								
	No special ext	inguishing me	dia is required.						
	But avoid inhalation of smoke								
Unusual Fire and Explosion H	lazards				· · · - · · · · · · · · · · · · · · · ·				
	This materials	has no unusu	al fire and explosion	hazards.					

Section V - React	ivity Data							
Stability	Unstable		Condition	s to Avoid				
-								
	Stable	X						
Incompatibility (Ma	iterials to Avoid)							
11		None						
Hazardous Decom	position or Byproduc	ts None						
Hazardous	May Occur	None	1	s to Avoid				
Polymerization	May Coodi		Condition	10 10 / 11014		None		
	Will Not Occur		<u> </u>					
		X						
Section VI-Health	Hazard Data							
Route(s) of Entry:	THE DATE	Inhalatio	on?	Skin?		Ingestio	n?	
			None		None	None		
Health Hazards (A								
	The coated compo							
	acute toxicity test,	dosage i	ange, 100	-400mg/kg.	And they a	re not		
Cassingspainitu	mutagenic.	NTP'	<u> </u>	IARC Mon	ographs?	OSHV I	Regulated?	
Carcinogenicity:		NIF	r None	IAING MIGH	None	OSHA	None	
			None		None		Hone	
Signs and Sympto	ms of Exposure						water and a second a	
Olgillo alla Oylilpio	None							
Medical Condition	S							
Generally Aggrava								
	None			 				
Emergency and F	irst Aid Procedures							
	No steps required							
Section VII-Preca	utions for Safe Han	iding and	d Use					
	n in Case Material is			İ				
	If broken up into p	ieces and	d spilled, s	weep up or v	/acuum.			
					···		······································	
Waste Disposal M								
	No special disposa							
Described to De	Dispose in accord			tate or local	environme	ntal regulations.		
Precautions to be	Taken in Handing a	na Storm	g					
Other Precautions								
Outer recautions	None							
04:	tral Mana							
Section VIII - Cor							· · · · · · · · · · · · · · · · · · ·	
Respiratory Prote	ction (Specify Type) Not necessary							
Ventilation	Local Exhaust			Special				
	Not necessary			Not nece	essary			
	Mechanical (Gene	ral)		Other				
	Not necessary	····		Not nece				
Protective Gloves				Eye Prote				
Other Destanting	Not necessary			Not nece	essary			
Other Protective (Clothing or Equipmer Not necessary	IL						
Work/Hygienic Pr							······································	
	Not necessary							

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IDENTITY (As Used on Label and List)

Toner (PT103) in TK-12 (on PK-12), TK-04 (on PK-03) for Facsimile TF501, TF505, TF601, and TF610

Manufacture's Name	ity Information)) :7-47-9)	Cont % 91 5-7 1-3 1-3	ACGIH/OSHA TLV/TWA 10mg/15m³* 10mg/15m³* for total dust	Informati (optional)) ous als	Carcios OSHA x x x	-	
Address (Number, Street, City, State, and Shuwa-Shiba Park Bldg. A, 4th floor 2-4-1, Shibakoen Minato-ku, Tokyo 105, JAPAN Section II - Hazardous Ingredients/Identi Hazardous Components (Specific Chemical Identity; Common Name(s) Ingredients (CAS No.) Styrene Acrylate Copolymer(CAS No.2576 Carbon Black (CAS No. 1333-86-4) Polypropylene(CAS No.9003-07-0) Additives(CAS No.67762-90-7)	ity Information)) :7-47-9)	Cont % 91 5-7 1-3 1-3	03-3438-6948 Prepared 17-Jun-99 ture of Preparer ACGIH/OSHA TLV/TWA 10mg/15m ³ * 3.5mg/3.5m ³ 10mg/15m ³ * 10mg/15m ³ *	Hazardo Chemica ACGIH X O	ous als OSHA X O	OSHA X X	NTP X x	
2-4-1, Shibakoen Minato-ku, Tokyo 105, JAPAN Section II - Hazardous Ingredients/Identi Hazardous Components (Specific Chemical Identity; Common Name(s) Ingredients (CAS No.) Styrene Acrylate Copolymer(CAS No.2576 Carbon Black (CAS No. 1333-86-4) Polypropylene(CAS No.9003-07-0) Additives(CAS No.67762-90-7)	ity Information)) i7-47-9)	Cont % 91 5-7 1-3 1-3	ACGIH/OSHA TLV/TWA 10mg/15m ³ * 10mg/15m ³ * 10mg/15m ³ *	Hazardo Chemica ACGIH X O	OSHA X O	OSHA X X	NTP X x	
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Hazardous Components (Specific Chemical Identity; Common Name(s) Ingredients (CAS No.) Styrene Acrylate Copolymer(CAS No.2576 Carbon Black (CAS No. 1333-86-4) Polypropylene(CAS No.9003-07-0) Additives(CAS No.67762-90-7))) :7-47-9)	Cont % 91 5-7 1-3 1-3	ACGIH/OSHA TLV/TWA 10mg/15m ³ * 3.5mg/3.5m ³ 10mg/15m ³ * 10mg/15m ³ *	Hazardo Chemica ACGIH X O	OSHA X O	OSHA X X	NTP X x	
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(Specific Chemical Identity; Common Name(s) Ingredients (CAS No.) Styrene Acrylate Copolymer(CAS No.2576 Carbon Black (CAS No. 1333-86-4) Polypropylene(CAS No.9003-07-0) Additives(CAS No.67762-90-7)	i7-47-9)	% 91 5-7 1-3 1-3	TLV/TWA 10mg/15m ³ * 3.5mg/3.5m ³ 10mg/15m ³ * 10mg/15m ³ *	Chemica ACGIH X O	OSHA X O x	OSHA X X	NTP X x	
Ingredients (CAS No.) Styrene Acrylate Copolymer(CAS No.2576 Carbon Black (CAS No. 1333-86-4) Polypropylene(CAS No.9003-07-0) Additives(CAS No.67762-90-7)	i7-47-9)	% 91 5-7 1-3 1-3	TLV/TWA 10mg/15m ³ * 3.5mg/3.5m ³ 10mg/15m ³ * 10mg/15m ³ *	ACGIH X O	OSHA X O	X X X	X X X	
Styrene Acrylate Copolymer(CAS No.2576 Carbon Black (CAS No. 1333-86-4) Polypropylene(CAS No.9003-07-0) Additives(CAS No.67762-90-7)		91 5-7 1-3 1-3	10mg/15m ³ * 3.5mg/3.5m ³ 10mg/15m ³ * 10mg/15m ³ *	х О х	X O X	X X X	X X X	
Carbon Black (CAS No. 1333-86-4) Polypropylene(CAS No.9003-07-0) Additives(CAS No.67762-90-7)		5-7 1-3 1-3	3.5mg/3.5m ³ 10mg/15m ³ * 10mg/15m ³ *	O X	O X	X X	X X	
Polypropylene(CAS No.9003-07-0) Additives(CAS No.67762-90-7)	NA : Not availa	1-3 1-3	10mg/15m ³ * 10mg/15m ³ *	x	х	x	x	
Additives(CAS No.67762-90-7)	NA : Not availa	1-3	10mg/15m ³ *	·				
	NA : Not availa		.,, <u>i,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	<u> </u>	X	X] X	
Notes: x:not listed O:listed	NA : Not availa	ble *:	for total dust			341141314141414141414141414141414141414		
Section III - Physical/Chemical Characte	ristics			an hanin i	NA : N	ot availa	able	
Boiling Point				y (H ₂ O =	1)			
N. A.						1.15		
Vapor Pressure (mm Hg.)			Melting Point			-		
	N. A.					110 deg C		
Vapor Density (AIR=1)			Evaporation Rate					
	N. A.	N. A.		(Butyl Acetate = 1)			N. A.	
Solubility in Water	Negligible	nible						
Appearance and Odor	Negligible							
	wder and odorless	3	-					
Section IV - Fire and Explosion Hazard Data					NA : N	lot availa	able	
Flash Point (Method used)			Flammable Limits LEL		LEL		UEL	
N. A.					N. A.		N. A.	
Explosion Limits lower = 6	lower = 60 g/m ³ upper = unknown							
Extinguishing Media	BC dry chemical o	or Proteir	type air foams	are recom	nended			
Special Fire Fighting Procedures	ary criominati		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Do not us	se methods which	-						
	high pressure, wa	ter stean	n etc.				 	
Unusual Fire and Explosion Hazards		ā						
Thermal decomposition of may result in occurrence o			•					

——————————————————————————————————————										
Section V - Reactiv	rity Data	,								
Stability	Unstable		Conditions	to Avoid ;	Do not expose to t	temperature above 200□□				
	Stable	Х								
Incompatibility (Mat	erials to Avoid)	*	1							
		Avoid	exposure to	strong ox	idisers					
Hazardous	May Occur									
Polymerization					None					
	Will Not Occur	l v	x							
Hazardous Decomp	osition or Byproduct ;		Oxide							
Section VI-Health										
Eye Contact	lazai u Data	Eye ir	ritation will	oe caused	. If contacted, flush	n eyes with running water				
		for several minutes with eyelids open. Consult an eye-doctor.								
Skin Contact		•	No symptoms will appear. If contacted, remove contaminated clothes and							
		wash skin with soap and water.								
Inhalation			Lung irritation, difficult breathing, sneezing, coughing will be caused. If inhaled, remove the sufferer to fresh and call a physician.							
	. ,									
Ingestion		Suna	cn irritation	wiii de cat	sed. If ingested,ca	ili a physician.				
Acute Inhalation to Skin Irritation : N	ute and Chronic) /; LD ₅₀ >2000mg/kg(Ra oxicity; LC ₅₀ >5.04mg/l(lon irritant (Rabbit) inimal irritant (Rabbit)			Ames tes	: Negative					
Carcinogenicity:	NTP?	IARC	Monograph	is?	OSHA Regulated	1?				
	NL.	NL			NL	NL:Not Listed				
Section VII-Precau	tions for Safe Handir	ng and	Use							
	n Case Material is Rel									
	over the spilled and/or			nd then cle	ean out into a cont	ainer.				
	aner with explosion-p									
Waste Disposal Me										
Landfill or in	cinerate little by little in	accord	dance with f	ederal,stat	e and federal regu	ilations.				
Section VIII - Cont	rol Measures									
Respiratory Protect										
Ventilation	Local Exhaust	ce aus	t respirator	Special						
ventilation	Local Extraust	Reco	mmended	Орсска	Not necessary					
	Mechanical (General		***************************************	Other						
	,	Reco	mmended		Not necessary					
Protective Gloves				Eye Prote						
Recommer				<u> </u>	Safety goggles					
Other Protective or	Equipment	Not n	ecessary							
Section IX - Specia	al Procaution									
	aken in handling and s	orina								
	Store in dry cool place		p away fron	n sparks a	nd open flame.					
	Use with adequate ventilations.									
Other Precautions	None									
	110									

USER'S RESPONSIBILITY

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation must be examined if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin must be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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