

TN-100 TONER U.S. CANADA AUSTRALIA

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

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

(1)IDENTITY(As Used on Label and List) TN-100 TONER PPF	Note:Blank spaces are not permitted .If any item is not applicable,or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name BROTHER INDUSTRIES,LTD	Emergency Telephone Number JAPAN 052-824-2771
Address(Number,Street,City,State,and ZIP Code) 1-1-1,Kawagishi-cho,Mizuho-ku, Nagoya 467,Japan	Telephone Number for Information JAPAN 052-824-2771 Date Prepared JULY.7.1994 Signature of Preparer(optional)

Section II-Hazardous Ingredients/Identity Infomation

INGREDIENT	CAS.No	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
Aluminum Oxide	1344-28-1	15mg/m ³	10mg/m ³	None	<1
Silica	7631-86-9	20Mppcf/8hr	10mg/m ³	None	<1
(None Hazardous Ingredients)					
Stylene-Acrylate Copolymer					
	9003-53-6	N.L.	N.L.	None	30~35
	29497-14-1	N.L.	N.L.	None	30~35
Polypropylene	9003-07-0	N.L.	N.L.	None	4~6
Magnetite	1309-38-2	N.L.	N.L.	None	30~40

Section III-Physical/Chemical Characteristic

Boiling Point	N.A.	Specific Gravity(R.O-1)	1.42
Vapor Pressure(mmHg)	N.A.	Melting Point	N.A.
Vapor Density(AIR=1)	N.A.	Evaporation Rate(Butyl Acetate=1)	N.A.
Solubility in water	Insoluble		
Appearance and odor	Fine black powder,practically odorless.		

Section IV-Fire and Explosion Hazardous Data

Flash Point(Method Used)	N.A.	Flammable Limits	LEL N.A.	UEL N.A.
Extinguishing Media	Water,CO ₂ ,Form,Dry Chemical.			
Special Fire Fighting Procedures	None			
Unusual Fire and Explosion Hazards	None under normal storage and use conditions.			

N.A. Not Applicable N.L. Not Listed

Section V-Reactivity Data

Stability	Unstable		Conditions to Avoid	None
	Stable	X		
Incompatibility(Materials to Avoid) None.				
Hazardous Decomposition or Byproducts None in normal handling and use.				
Hazardous Polymerisation	May Occur		Conditions to Avoid	None
	Will not Occur	X		

Section VI-Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	YES	YES	Possible but unusual.
Health Hazards(Acute and Chronic)	Health hazard are minimal being neither irritating, corrosive,volatile, nor toxic.		
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N.L.	N.L.	N.L.
Signs and Symptoms of Exposure	Contact with eyes may result in mechanical irritation. Minimal respiratory tract irritation may occur as with exposure to large amounts of any nontoxic dust.		
Medical Conditions			
Generally Aggravated by Exposure	N.A.		
Emergency and First Aid Procedure			
Eyes contact :	Flush immediately with running water.		
Skin contact :	Wash with water and soap.		
Inhalation :	Remove to fresh air area. Aid in breathing if necessary and get medical attention.		
Ingestion :	Dilute with water and immediately induce vomiting. If necessary get medical attention.		

Section VII-Precautions for safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled	
Vacuum or sweep up dry powder.	
Waste Disposal Method	
Dispose in accordance with local,state and federal regulations.	
Precautions to Be Taken in Handling and Storing	
Avoid dust inhalation and skin contact.	
Other Precautions	
Keep containers closed. Store in a cool,dry place.	

Section VIII-Control Measures

Respiratory Protection (Specify Type) None required under normal use.			
Ventilation	Local Exhaust		Special
	None required under normal use.		None required under normal use.
	Mechanical(General)		Other
	None required under normal use.		None required under normal use.
Protective Gloves			Eye Protection
None required under normal use.			None required under normal use.
Other Protective Clothing or Equipment None required under normal use.			
Work/Hygienic Practices Minimize breathing dust.			