



# MATERIAL SAFETY DATA SHEET

## [1.CHEMICAL PRODUCT AND COMPANY IDENTIFICATION]

PRODUCT NAME : SCX-4216D3  
COMPANY : Samsung Electronics Company  
416, Maetan-3Dong, Yeongtong-Gu, Suwon-City, Gyeonggi-Do, Korea 443-742  
TELEPHONE NO. : 82-31-200-8311  
EMERGENCY TELEPHONE NO. : 82-31-200-8311

## [2.COMPOSITION / INFORMATION ON INGREDIENTS]

SUBSTANCE / MIXTURE : Mixture  
CHEMICAL NAME : Toner  
(GENERIC NAME)  
CHEMICAL FORMULA : Not specified  
CAS RN : Confidential  
UN No. : Not applicable  
EINECS : No  
TSCA : Yes  
OTHER INFORMATION : One component is not registered in EINECS, but registered in ELINCS.

## [3.HAZARDS IDENTIFICATION]

FIRE AND EXPLOSION HAZARD : May cause risk of dust explosion.  
POTENTIAL HEALTH EFFECTS : To the best of our investigation, no special hazards have to be mentioned.  
ENVIRONMENTAL EFFECTS : To the best of our investigation, no information available.

## [4.FIRST-AID MEASURES]

IN CASE OF EYE CONTACT : Immediately hold eyelids open and flush with a stream of water for at least 15 minutes. If necessary seek medical attention.  
IN CASE OF SKIN CONTACT : Wash material off the skin with plenty seek medical attention.  
IN CASE OF INHALATION : Remove person to fresh air. If necessary  
IN CASE OF INGESTION : Seek medical attention. Never give anything by mouth to an unconscious person. If possible, rinse out mouth and give one or two glasses of water or milk to drink.

## [5.FIRE-FIGHTING MEASURES]

EXTINGUISHING MEASURES : Risk of producing harmful gases such as carbon monoxide and nitrogen oxides.Avoid inhalation of smoke or gases.  
EXTINGUISHING AGENTS : In case of small fire use powder, carbon dioxide.  
In case of large fire shut off air by spraying with water or foam.

## [6.ACCIDENTAL RELEASE MEASURES]

: In case of spill vacuum material immediately. Then wipe up remainder in waste cloth.

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**[7.HANDLING AND STORAGE]**

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HANDLING	: Fight fire from upwind position. Avoid inhalation of dust.
STORAGE	: Keep it free from moisture. Keep away from sources of ignition. Keep container tightly closed. Store in a dark and cool place.

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**[8.EXPOSURE CONTROLS / PERSONAL PROTECTION]**

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ACGIH(TLV)	: (Carbon black)(1998)TWA 3.5 mg/m <sup>3</sup>
OSHA(PEL)	: Not established
VENTILATION	: Use local exhaust ventilation or general ventilation.
PROTECTIVE MEASURES	
RESPIRATORY PROTECTIVE EQUIPMENTS	: Dust respirator
EYE PROTECTIVE EQUIPMENTS	: Safety goggles
HAND PROTECTIVE EQUIPMENTS	: Rubber gloves
PROTECTIVE CLOTHINGS	: Use as appropriate to situation.

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**[9.PHYSICAL AND CHEMICAL PROPERTIES]**

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APPEARANCE	: Black powder
ODOUR	: Odourless
BOILING POINT	: No data available
VAPOUR PRESSURE	: No data available
VAPOUR DENSITY	: No data available
VOLATILITY	: No
MELTING / FREEZING POINT	: No data available
SPECIFIC GRAVITY	: 1.2 ( 20.0C ) , 1.2 ( 68.0F)
SOLUBILITY	
WATER SOLUBILITY	: Insoluble
SOLVENT SOLUBILITY	: A part of component is soluble in toluene, chloroform, tetrahydrofran.
pH	: No data available
VISCOSITY	: No data available
OCTANOL / WATER PARTITION COEFFICIENT	: No data available
OTHER INFORMATION	: None

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**[10.REACTIVITY AND STABILITY]**

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FLASH POINT	: Not applicable
AUTOIGNITION TEMPERATURE	: No data available
EXPLOSIVE LIMIT IN AIR(LEC)	: No data available
EXPLOSIVE LIMIT IN AIR(UEC)	: No data available
COMBUSTIBILITY	: Yes
OXIDIZABILITY	: No
SELF-REACTIVITY / EXPLOSIVITY	: This material may cause risk of dust explosion.
REACTIVITY AND STABILITY	: Stable in general.
HAZARDOUS COMBUSTION	: No information available



OR DECOMPOSITION PRODUCTS  
OTHER INFORMATION : None

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[11.TOXICOLOGICAL INFORMATION]

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CORROSIVITY : No data available  
SKIN IRRITATION : No data available  
EYE IRRITATION : No data available  
SENSITIZATION : No data available  
ACUTE TOXICITY : No data available  
SUBCHRONIC EFFECTS : No data available  
CHRONIC EFFECTS : No data available  
CARCINOGENICITY : No data available  
IARC : Group 2B The agent is possbly carcinogenic to humans.(Carbon Group 3.The agent is not classifiable as to its carcinogenicity to humans.(silica)  
NTP : None of this product's components are listed  
OSHA : None of this product's components are listed  
MUTAGENICITY : Ames test (*Salmonella typhimurium* TA98,TA100,TA1535,TA1537,TA1538 *Escherichia coli* WP2uvrA) : Negative  
REPRODUCTIVE EFFECTS : No data available  
TERATOGENICITY : No data available  
OTHER INFORMATION : None

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[12.ECOLOGICAL INFORMATION]

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BIODEGRADABILITY : No data available  
BIOACCUMULATION : No data available  
FISH TOXICITY : No data available  
OTHER INFORMATION : None

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[13.DISPOSAL CONSIDERATIONS]

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Review "HANDLING AND STORAGE(Section7)"  
Dispose of waste in accordance with local,state and federal regulations.  
Passed to a licensed waste contractor.  
Incinerate with little portions.  
Risk of producing harmful gases such as carbon monoxide and nitrogen oxides.

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[14.TRANSPORTATION INFORMATION]

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PRECAUTIONS : Follow all regulations in your country or region.  
Review "ACCIDENTAL RELEASE MEASURES(Section6)"  
Review "HANDLING AND STORAGE(Section7)"  
Ensure containers without breakage or leakage.  
Keep away from water and humidity..  
Pack, label and transport according to regulation.



PROPER SHIPPING NAME : Non hazardous  
HAZARD CLASS : Not applicable  
UN NO. : Not applicable  
PACKING GROUP : Not applicable  
HAZARD LABELS : Not applicable

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[15.REGULATORY INFORMATION]

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EINECS : No  
TSCA : Yes

Follow all regulations in your country or region.

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[16.OTHER INFORMATION]

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REFERENCES : None

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