

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product Name : 6" Integrated Circuit
Product Code :
General Use :
Product Description :

MANUFACTURE

Company Name : PFC Device Corporation Taiwan Branch
Address : 3F., No.82, Min-Chuan Rd., Hsin-Ten Dist., New Taipei City 23141,
Taiwan, R.O.C.
Responsible Div :
Telephone : (02) 2218-1555
Fax : (02) 2218-9160

EMERGENCY TELEPHONE NUMBER : (02) 2218-1555

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture : Mixture

Composition(element)	CAS No.	Proportion
Silicon (Si)	7440-21-3	96.5%
Other minority Dopant :		
Silver (Ag)	7440-22-4	1.7%
Aluminum (Al)	7429-90-5	1.2%
Nickel (Ni)	7440-02-0	0.3%
Titanium (Ti)	7440-32-6	0.1%
Arsenic (As)	7440-38-2	0.1%
Impure(Boron/Phosphorous/Copper ...)		0.1%

3. HAZARDS IDENTIFICATION

Hazard effects
Human health effects : Skin contact causes irritation.
Environmental effects : NA
Class name of hazard : NA

MATERIAL SAFETY DATA SHEET

4. FIRST AID MEASURES

Inhalation : NA
Eye : NA

5. FIRE FIGHTING MEASURES

Measures : Shut off fuel as much as possible.
Equipments : Dry chemical or carbon dioxide should be used for small fire.
: Fire fighters should wear proper protective clothes.

6. ACCIDENTAL RELEASE MEASURES

: Equip extinguishers in case of ignition.
: Quickly shut off all ignition sources.

7. HANDLING AND STORAGE

Handling : Fragile-Handle with care.
: Shut off all sources of ignition.
: Do not bring contaminated protective tool, such as gloves, to the lounge.
Storage : Be careful of personal health after handling.
: Keep away all sources of ignition.
: Do not heat.
: Store in well-ventilated area.
: Keep dry.

8. EXPOSURE CONTRROLS/PERSONAL PROTECTION

EXPOSURE LIMIT VALUES : NA

EXPOSURE CONTROLS

Engineering controls : NA

Personal protection

Respiratory protection : NA
Eye protection : NA
Skin protection : NA

MATERIAL SAFETY DATA SHEET

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Chip
Color : Silver
Boiling Point : Not Available
Melting Point : -
Density : -
Vapor Pressure : -
Vapor Density : -
Solubility in water : Insoluble

10. STABILTY AND REACTIVITY

STABILITY : Stability
MATERIALS TO AVOID : -

11. TOXICOLOGICAL INFORMATION

Acute toxicity -
Sensitization -
Chronic Toxicity -
Mutagen city -
Carcinogenicity -
IARC -
NTP -
OSHA -
Reproductive and
Developmental Toxicity -
Other -

12. ECOLOGICAL INFORMATION

ECOTOXICITY -
PERSISTECE AND
DEGRADABILITY -
BIOACCUMULATIVE
POTENTIAL -

MATERIAL SAFETY DATA SHEET

13. DISPOSAL CONSIDERATION

Disposal method :All excess material must be collected and transferred to a professional waste disposal company for treatment.
Special control industrial disposal :Carefully review information in **-7.HANDLING & STORAGE.**

14. TRANSPORT INFORMATION

UN sorts -
Domestic regulation -
Special safety measurement and condition -

15. REGULATORY INFORMATION

NA

16. OTHER INFORMATION

NA
