



TECTONIC GROUP.
ISO 9001:2000 Products RoHs Compliance

VESTA GLOBAL LIMITED
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MATERIAL SAFETY DATA SHEET. TCoQ-X (MSDS)

1. Manufacturer's or supplier's information

Manufacturer's or supplier's name : TECTONIC GROUP. VESTA GLOBAL LIMITED
 Manufacturer's or supplier's address : P.O Box 1370 S. White Avenue, Phillips Ranch, California 91766. U.S.A / Taiwan R.O.C
 Principal Manager name : Shu Hung, Tung

2. Distinguishable information

| | | | |
|--|--|-------------------------|------|
| English Trade name : TCoQ-X Secure Environment Protection Plastic Additive | | Not. consist: | |
| a. pure material | | * Deterioration Strarch | 60 % |
| b. ant-insect perfumer material | | * Organic Adsorbents | 30 % |
| Synonymous name : TCoQ-X, VG pellets | | * (Excipient) | 10 % |
| Hazardous ingredients : Allowed concentration | | | |

3. Physical and chemical character

| | | |
|--|--|--|
| Material <input type="checkbox"/> paste <input type="checkbox"/> powder <input checked="" type="checkbox"/> solid <input type="checkbox"/> liquid <input type="checkbox"/> gas | | *Appearance From : graulons, |
| PH Value : 7 | | * Color : pearl white |
| Boiling point : N.A °C N.A °F | | * Odor : None |
| Melting point : 130° | | Vapor density (Air=1) N.A Specific gravity (Water =1)1.6 |
| Vapor pressure : N.AmmHg | | Evaporation rate (water =1)N.A Solubility in water : N.A |

4. Unusual fire and explosion hazards

| | |
|--|--|
| Flash point N.A °C N.A °F Explosion | Explosion low limit : N.A limit |
| Experience method : <input checked="" type="checkbox"/> closed up <input type="checkbox"/> opened up | Explosion high limit : N.A limit |
| Fire | Extinguishing material : dry chemical, water, foam |
| Fire | Special fire fighting procedures : none |
| Fire | No Comusion also no fire assistance after burning it become charcoal ash |

5. Reaction char act

| | |
|---|---|
| Stability : <input checked="" type="checkbox"/> stable <input type="checkbox"/> unstable | Conditions to avoid : None |
| Hazardous Polymerization : <input type="checkbox"/> happened <input checked="" type="checkbox"/> not happened | Hazardous decomposition products : None |
| Conditions to avoid : None | Not blend |
| | Material to avoid : None |

6. Health hazard and emergency procedures

| | | |
|---|--|------------------------------------|
| Method into body : | | None |
| Effect of health hazard acute : | | None |
| Chronic: | | None |
| Symptom and manifestation of exposure : | | None |
| Emergency and first aid procedures : | | Skin or Eyes contact : no reaction |

7. Precaution of exposure

Self-protection facilities: Eyes / Breathing / Skin / Others : None
 Ventilation facilities : The use local exhaust ventilation is recommended local
 Precautions to be taken in handing and storing
 1. Store at normal temperature in safe and dry place
 2. Keep away from high temperature and avoid exposure to the sunlight

8. Pollution

Nuclear pollute : no nuclear contamination and cannot pollute others
Heavy Metals as Hg, Cd : None

9. Leak and abandonment management

Emergency management of Leak

The physical type of this product is solid. So, it is not necessary to worry about Leaking problem

Abandonment management

Put into pool of discarded material (waste disposal should be in accordance with with appropriate Federal . State and regulations.)

10. Transported data

UN NO Hazardous class : NONE Hazard labels: No need

11. Data of cartographer

Name: Tectonic Group / Vesta Global Limited

Unit of cartographer : Taiwan R.O.C

Cartographer Official title: VESTA GLOBAL LIMITED

Data of producing sheet: 25 August 2008

- 12.
- 1. N.A : NOT APPLICABLE
 - 2. Any color in addition to the product which will not influence its major components
 - 3. The information relates only to specific material designated
 - 4. This information contained herein is given in good faith but no warranty expressed or implied is made.

TC o Q - X Package Properties

Packing Packing: 25kg / per paper bag (= 1.1 timber)

Physical Character physical

1. Appearance Form Appearance: Granulated granular
2. Color Color: Pearl Light Greyish White pearl gray side
3. Odor: None None
4. PH pH: 7
5. Solubility in water Solubization: N.A. None
6. Melting Pont Melting point: 130 o C
7. Bio-degradable: Biodegradable
8. Non-toxic inflaming: burning non-toxic volatile compounds

For SGS test results and VG product catalog please visit our home page: <http://www.tectonicled.com>