

SAFETY DATA SHEET

Date Prepared : 05/12/1999
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SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name : T4082S (Pressure sensitive tape)
 Manufacturer : Dexerials Corporation
 Address : 1724 Shimotsuboyama, Shimotsuke-shi, Tochigi 323-0194, Japan
 Phone : +81- 285-39-7950 Fax : +81-285-47-3242

SECTION 2. HAZARDS IDENTIFICATIONEmergency overview

Cobalt and its compounds included in this product has possibility of carcinogen to humans.
 There is no special hazard in the normal use of this product.
 Long-term contact with adhesive face may cause irritation.
 It is recommended to wear suitable protective gloves.

Potential health effects

Skin/Eyes contact

Prolonged contact may cause moderate irritation.

Ingestion/Inhalation

As supplied, product is a solid material and would not in practice, be inhaled and be ingested.

Carcinogenicity

No data as product.

Cobalt and its compounds included in this product is reported as carcinogenic substance to humans by IARC.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<Component> (% by weight)

1.Adhesive

Composition

Substance	CAS#	Concentration
Silicone resin	Trade Secret	90~100%
Others	Trade Secret	10~20%

2.Base material

Composition

Substance	CAS#	Concentration
Polyethylene terephthalate (PET)	25038-59-9	100%

SECTION 4. FIRST AID MEASURESInhalation

As supplied, product is a solid material and would not in practice, be inhaled.

Eye contact

In case of contact with eyes, rinse immediately with plenty of water. If irritation persists, seek medical attention.

Skin contact

When adhered to skin, remove it gently then rinse with water. If irritation persists, seek medical attention.

Ingestion

As supplied, product is a solid material and would not in practice, be ingested.

SECTION 5. FIRE-FIGHTING MEASURESExtinguish media

Water spray, Carbon dioxide, Dry chemical powder or Foam

Prohibited Extinguishing media

No information

Fire fighting instruction

Wear positive pressure, self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Evacuate area and fight fire from a safe distance.

SECTION 6. ACCIDENTAL RELEASE MEASURES

As supplied, product is a solid material and would not in practice, be released.

SECTION 7. HANDLING AND STORAGEHandling

Protection gear may not be required in particular in the normal use of this product.

It is recommended to wear suitable protective gloves in the case of direct contact with the adhesive face.

Storage

Store in a cool place.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTIONEngineering controls

Not required in particular.

Personal protection

Protective gloves: Wear impervious gloves (polyethylene, nitrile rubber) when contact with the adhesive face..

Protective glasses : Not required in particular.

Protective clothes : Not required in particular.

Exposure guideline

Benzoyl peroxide :	ACGIH TLV	5mg/m ³
Cobalt and	ACGIH TLV	0.02mg/kg (as cobalt)
its compounds	OSHA PEL	0.02mg/kg (as cobalt)
	JSOH	0.05mg/kg (as cobalt)

As far as this mixture is concerned, Benzoyl peroxide and Cobalt and its compounds can be little possibility to be inhaled because it is mixed in and not powdery.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Blue adhesive tape
Color	:	Blue
Odor	:	Slight
Boiling point	:	Not applicable
Vapor pressure	:	Not applicable
Melting point	:	Not determined
Solubility in water	:	Insoluble in water
Specific gravity	:	Approx. 1.2

SECTION 10. STABILITY AND REACTIVITY

Stability

Stable under normal handling conditions.

Incompatibility

Strong acids and strong oxidizing agents

Hazardous decomposition products

Carbon monoxide, carbon dioxide

Hazardous polymerization

It will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

No data and information as products

As 2,2'-Azodiisobutyronitrile

Acute effects

ORAL RAT LD₅₀ : 100 mg/kg

Carcinogenicity

No information

As Benzoyl peroxide

Acute effects

ORAL RAT LD₅₀ : 5,000 mg/kg

Carcinogenicity

IARC-Gr.3 ; Not Classifiable as a Human Carcinogen.

As Cobalt and its compounds

Acute effects

ORAL RAT LD₅₀ : 2,500mg/kg

Carcinogenicity

IARC-Gr.2 ; Possibly carcinogenic to humans.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicological information

Unknown

Other harmful information

Unknown

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

In case of after burning, it is supposed there will be a great deal of cobalt mixed with ashes.

SECTION 14. TRANSPORT INFORMATION

UN No. : Not listed.

International classification : Not relevant.

SECTION 15. REGULATORY INFORMATION

Export control law

Under control item of Catch-all regulation.

Other regulatory information

We are not able to check up the regulatory information in regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.

***SECTION 16.* OTHER INFORMATION**

Reference

SDS of each component issued by material makers.

The information herein is the best of our knowledge and is only related to this specific product. No warranty, either expressed or implied, is made with respect to such information. The recommended handling procedures are believed to be generally applicable. However, it is user's responsibility to review these recommendations in the specific content of the intended use. We reserve the right to revise this SDS as new information become available. It is recommended to ask for the latest version to our sales division.

The end of SDS