

## SAFETY DATA SHEET

Date Prepared : 05/22/2023  
Date Revised : NA(First Issue)

### ***SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION***

Product name : **D5410P-25** (Heat sensitive double-sided 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 IDENTIFICATION***

#### Classification of hazardous

Not applicable to GHS classification due to Article

#### Emergency overview

In case heat adhesion of this product is carried out, there is a possibility that the remains solvent contained in a product may serve as fumes and gasses.

Don't inhale the fume and gases by using suitable ventilation system.

Direct contact may cause irritation to eyes and skin, and skin sensitization because the product contains epoxy resin.

#### Potential health effects

##### Skin/Eyes contact

Direct contact to adhesive layer may cause irritation and skin sensitization.

##### Ingestion/Inhalation

Fumes and gasses with a possibility of generating at the time of heat adhesion stimulate the skin, an eye, and a throat.

##### Chronic effects/Carcinogenicity

None has known as product.

It is known epoxy resin is positive at the Mutagenicity test.

### **SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS**

#### Components (% Chemical component by WT.)

##### 1. Release liner

Substance	CAS#	Concentration
Polyethylene terephthalate (PET) film coated with silicone release agent	25038-59-9 (As PET film)	100%

##### 2. Adhesive

Substance	CAS#	Concentration
Synthetic Resin	Trade Secret	90~100%
Epoxy resin	Trade Secret	1~10%
Hardener	Trade Secret	1~10%

##### 3. Release liner

Substance	CAS#	Concentration
Polyethylene terephthalate (PET) film coated with silicone release agent	25038-59-9 (As PET film)	100%

### **SECTION 4. FIRST AID MEASURES**

#### Inhalation

When fumes and gasses are inhaled, it moves to the place of fresh air and strives for quiet.  
You should consult a doctor depending on your condition.

#### Eye contact

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

#### Skin contact

Flush with large amounts of water. Use soap if available.  
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 MEASURES**

#### Extinguish media

Water spray, Carbon dioxide, Dry chemical powder or Foam

#### Prohibited Extinguishing media

No information

#### Firefighting 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.  
Combustible Material

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

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

## **SECTION 7. HANDLING AND STORAGE**

### Handling

Don't contact directly to the adhesive face without wearing protective gloves.  
When product is heated, handle it in a well-ventilated area not to inhale the vapor.

### Storage

Store in a cool, dry location away from strong acids and strong oxidizing agents.

## **SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

### Engineering controls

Suitable ventilating equipment should be installed at working area where product is heated and pressed.

### Personal protection

Protective gloves: Wear appropriate gloves to prevent direct contact, because of irritation.  
Protective glasses: Suitable safety glasses is recommended not to injure eyes by edges of the sheet.

### Exposure guideline

No data as product

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	:	Adhesive tape
Color	:	Light Brown
Odor	:	No odor
Flash point	:	No data
Auto ignition temperature:		No data
Boiling point	:	Not applicable
Vapor pressure	:	Not applicable
Melting point	:	Not applicable
Solubility in water	:	Insoluble in water
Specific gravity	:	Approximately 1.0 (Adhesive)

## **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, Nitrogen oxides.

### Hazardous polymerization

It will not occur.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

No data as product

As Epoxy Resins

### Acute effects

Irritant, Skin sensitization

### Toxicity data

ORL-RAT LD<sub>50</sub> > 2000 mg/Kg

SKN-RBT LD<sub>50</sub> > 2000 mg/Kg

## **SECTION 12. ECOLOGICAL INFORMATION**

### Ecotoxicological information

Unknown

### Other harmful information

Dexerials Corporation  
Product Name: D5410P-25  
Unknown

(Company-ID: F- 1564)

***SECTION 13. DISPOSAL CONSIDERATIONS***

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

***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.

End of SDS