

SAFETY DATA SHEET

Date Prepared : 02/14/2019
Date Revised : 08/26/2022

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name : **D3451** (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

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
Glassine paper coated with Silicone release agent	N/A	100%

2. Adhesive

Substance	CAS#	Concentration
Synthetic Resin	Trade Secret	70~80%
Epoxy resin	Trade Secret	1~10%
Hardener	Trade Secret	10~20%

3. Release liner

Substance	CAS#	Concentration
Polyethylene terephthalate film Coated with Silicone release Agents	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	:	White
Odor	:	No odor
Boiling point	:	Not applicable
Vapor pressure	:	Not applicable
Melting point	:	Not applicable
Solubility in water	:	Insoluble in water
Specific gravity	:	Approximately 1.1 (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 LD₅₀ > 2000 mg/Kg

SKN-RBT LD₅₀ > 2000 mg/Kg

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicological information

Unknown

Other harmful information

Unknown

Dexerials Corporation
Product Name: D3451

(Company-ID: F- 778)

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