

SAFETY DATA SHEET

Date Revised : 01/11/2017

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SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name : UT2640MLG (Pressure sensitive double sided tape)
 Manufacturer : Dexerials Corporation
 Address : 12-3 Satsuki-cho, Kanuma-city, Tochigi-Pref. 322-8502 Japan
 Phone : +81-289-76-0225 Fax : +81-289-76-0299
 Emergency phone : +81-289-76-0499

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTSStructure(Thickness and wt.% of each structure)

1. Adhesive	268 μm	(46.3 %)
2. PET Film	12 μm	(3.3 %)
3. Adhesive	120 μm	(22.8 %)
4. Release liner	145 μm	(27.6 %)

Components(% Chemical component by WT.)

1. Adhesive		
<u>Hazardous composition</u>	<u>CAS#</u>	<u>Contents</u>
Acrylic monomer (As residual monomer)	Trade Secret	< 1.5 %
Carbon Black	1333-86-4	< 1 %
<u>Non-hazardous composition</u>	<u>CAS #</u>	<u>Contents</u>
Acrylic resin	Trade Secret	90~100 %
2. Base material		
<u>Non-hazardous composition</u>	<u>CAS#</u>	<u>Contents</u>
Polyethylene terephthalate film	25038-59-9	100 %
3. Adhesive		
<u>Hazardous composition</u>	<u>CAS#</u>	<u>Contents</u>
Acrylic monomer (As residual monomer)	Trade Secret	< 1.5 %
<u>Non-hazardous composition</u>	<u>CAS #</u>	<u>Contents</u>
Acrylic resin	Trade Secret	90~100 %
4. Release liner		
<u>Non-hazardous composition</u>	<u>CAS #</u>	<u>Contents</u>
Polyethylene laminated paper coated with silicone release agent	N/A	100 %

(Refer to section 8)

SECTION 3. HAZARDS IDENTIFICATION

Emergency overview

There is no special hazard in the normal use of this product.

Contact with adhesive face may cause irritation.

It is recommended to wear suitable protective gloves.

Ventilate if smells at working area.

This product contains carbon black that is suspected human carcinogen.

(As far as this mixture is concerned, Carbon black can be little possibility to be inhaled because it is mixed in and not powdery.)

Potential health effects

Skin/Eyes contact

Direct contact may cause irritation or sensitization.

Ingestion/Inhalation

Breathe in smell of product may cause headache, nausea and irritation to respiratory system.

Chronic effects/Carcinogenicity

None has known as product.

Carbon black is listed as a potential carcinogen by IARC.

(See Section 11. TOXICOLOGICAL INFORMATION)

SECTION 4. FIRST AID MEASURES

Inhalation

Remove to fresh air if feel ill by smell of product.

If the condition of a disease continues or getting worse, seek medical attention.

Eye contact

Rinse immediately with plenty of water.

If irritation persists, seek medical attention.

Skin contact

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 MEASURES

Flash point and autoignition temperature

Flash point : No data.

Autoignition temperature : No data.

Extinguish media

Water spray, carbon dioxide, dry chemical powder or foam

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 STORAGE

Handling

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.

Handle at well-ventilated place so as not to be inhaled the smell of product.

It is recommended to install the appropriate equipment of ventilation when the smell of product is spread at working area.

Storage

Store in a cool and dark place.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering controls

Suitable ventilating equipment should be installed at working area if smells hardly.

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

No data as product.

As acrylic monomer : Not established by OSHA and ACGIH as main component.
ACGIH TLV-TWA 2ppm(skin) as sub component.

As carbon black: :3.5mg/m3 (ACGIH TLV/TWA)

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Adhesive tape
Odor : Acrylic odor
Boiling point : Not applicable
Vapor pressure : Not applicable
Melting point : Not applicable
Solubility in water : Insoluble in water
Specific gravity : Approx. 0.9

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 information and data as product
As acrylic monomer(main component)

Toxicity data

ORL-RAT LD₅₀: 5,660 mg/kg

As carbon black

Acute effects

Mild irritant

Chronic effects

Not known

Mutagenicity

Mutagenicity is negative by Ames test.

Carcinogenic effects

IARC

(Carbon black): IARC-Gr.2B; Possibly carcinogenic to humans.

ACGIH

(Carbon black): ACGIH-A4; Not Classifiable as a Human Carcinogen.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicological information

Unknown

Chemical fate information

Unknown

SECTION 13. DISPOSAL CONSIDERATIONS

Comply with all applicable federal, state and local regulations.

SECTION 14. TRANSPORT INFORMATION

UN NO.	:	Not listed
International classification	:	Not relevant

SECTION 15. REGULATORY INFORMATION

Industrial Safety and Health Law, Japan

Dangerous and Harmful Substances subject to notify their Names, etc.

Carbon black

Export control law in Japan: 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 & Marketing division.

End of SDS