

PRODUCT SAFETY DATA SHEET
According to EC directive 91/155/EEC and subsequent amendments

akasa

Product Name: AK-TT12-80

Date: May 2008

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Trade Name	Akasa ® AK-TT12-80 Thermal Adhesive Tape
Company	Akasa Asia Corp. Suite 5, 13Fl, No. 379 Jungshan Road, Sanchung City, Taipei, Taiwan 241, Republic of China Tel: +886 (0)2 2999 6289 Fax: +886 (0)2 2999 6228
Service	Akasa (Asia) Corp. Tel: +886 (0) 2 2999 6289 Akasa (Europe) Ltd. Tel: +44 (0)20 8578 0055
Emergency Phone Number	David Tai UK +44 (0)20 8578 0055
Use of substance/preparation	Electrical & Electronics Applications Thermal Adhesive Tape

2. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS SUBSTANCES	None
Composition	The product comprises with an MOPP film and cloth of glass fiber, that cloth has lined acrylic glue on both sides.

Product Name: AK-TT12-80

Date: May 2008

3. HAZARDS IDENTIFICATION

This product does not present any particular hazard provided it is handled in accordance with good industrial hygiene and safety practice and under normal conditions of use. Following our present state of knowledge this product is not classified as a hazardous substance.

4. FIRST AID MEASURES

On contact with eyes	No first aid should be required
On skin contact	No first aid should be required
If inhaled	Not applicable under normal conditions of use.
On ingestion	No first aid should be required

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Every normal extinguishing media is appropriate.
Unsuitable extinguishing media	None Known
Hazards during fire fighting	Combustible material which may melt on heating . Harmful / toxic vapours such as carbon monoxide may be evolved .
Special protective equipment/procedures	Self contained breathing apparatus.

Product Name: AK-TT12-80

Date: May 2008

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Not applicable under normal conditions of use.
Precautions to protect the environment	This product does not present any particular risk to the environment.
Methods for cleaning up	Not applicable under normal conditions of use.

7. HANDLING AND STORAGE

Advice on safe handling	Does not require any specific handling procedure.
Advice on storage	Store in closed cartons away from direct sources of heat and light.
Specific uses	Refer to Technical data sheet
Unsuitable packaging materials	Not specifically applicable.

Product Name: AK-TT12-80

Date: May 2008

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Not specifically applicable.
Exposure controls for hazardous components	Not specifically applicable.
<u>Personal protection equipment</u>	
Respiratory protection	Not specifically applicable.
Hand protection	Not specifically applicable.
Eye protection	Not specifically applicable.
Skin protection	Not specifically applicable.
Hygiene measures	Wash after handling ,especially before eating .
Environmental exposure controls	Refer to section 6 & 12
Additional information	Not specifically applicable.

Product Name: AK-TT12-80

Date: May 2008

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Physical state Solid Form cloth/acrylic glue/MOPP film Colour White/ White/Red with transparence Odour None Melting point The product will melt at high temperature Flammability The product will burn if ignited Relative density About 1.0
Important heath, safety & environmental information	
Explosive properties	Not applicable
Specific gravity	Not applicable
Oxidizing properties	Not applicable

The above information is not intended for use in preparing product specification.
Contact Akasa for more details.

Product Name: AK-TT12-80

Date: May 2008

10. STABILITY AND REACTIVITY

Stability	Stable under normal usage conditions.
Conditions to avoid	This product is stable at room temperature and in normal handling conditions .
Materials to avoid	None known
Hazardous decomposition products	On combustion or thermal decomposition toxic gases may be released as oxides of carbon (CO+CO ₂)

TOXICOLOGICAL INFORMATION

On contact with eyes	May cause temporary discomfort.
On skin contact	No adverse effects are normally expected.
If inhaled	No adverse effects are normally expected
On ingestion	No adverse effects are normally expected

¹ Based on product test data

² Based on test data from similar products

Product Name: AK-TT12-80

Date: May 2008

11. ECOLOGICAL INFORMATION

Environmental fate and distribution

Not applicable.

Ecotoxicity effects

Based on our experience and according to our knowledge this product does not have any toxic effect under normal handling conditions.

Fate and effects in waste water treatment plants

No adverse effects on bacteria are predicted.

12. DISPOSAL CONSIDERATIONS

Product disposal	This product persists in the soil.
Packaging disposal	As a very small percentage of a finished product this cannot be determined . Unused product is typically landfilled / incinerated where appropriate.

13. TRANSPORT INFORMATION

None

Product Name: AK-TT12-80

Date: May 2008

14. REGULATORY INFORMATION

<u>Labelling according to EEC Directive</u> Symbol	No mandatory labeling is required. Product is not classified as dangerous / hazardous. It is recommended that the customer refers to all applicable and relevant local / national regulations, provisions and legislation.
R-phrases	None
S-phrases	None
<u>National legislation/regulations</u> Ozone depleting chemicals	No ozone depleting chemicals are present or used in manufacture.
<u>Status</u> EINECS	All ingredients listed or exempt.
TSCA	All chemicals substances in this are included on or exempted from listing on the TSCA Inventory of chemical substances.

Product Name: AK-TT12-80

Date: May 2008

15. OTHER INFORMATION

This product safety datasheet was prepared in compliance with commission directive **91/155/EEC , 67/548/EEC and 1999/45/EC** As well as their relevant amendeents , on the approximation of the law , regulations & administrative provisions relative to the classification , packging and labelling of dangerous substances & preparations.

All information and instruction provided in this Satey DataSheet (SDS) are based on the current state of the sciencetific and technical knowledge at the date indicated on the SDS. Should the exsistance of such defect not be detectable considering the current state of scientific and technical knowlesdge .