

MATERIAL SAFETY DATA SHEET

Product :

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Version : 02
Date : 02/Mar/2011

1. CHEMICAL PRODUCT AND COMPANY INDICATION

Chemical Name: Holographic Heat Transfer Film
Company Name:
Address:
Telephone:
Telefax:
Emergency telephone number:

2. COMPOSITION

| INGREDIENTS | WEIGHT% | CAS NO. |
|-----------------------------|---------|--------------|
| Polyester film | 57.4% | 25038-59-9 |
| Metallized foil | 15.9% | 25038-59-9 |
| Polyester hot melt adhesive | 26.7% | Trade secret |

3. HAZARD IDENTIFICATION

Emergency overview: N/A.(*)
Potential health effects: N/A.(*)

4. FIRST AID PROCEDURES

Irritation: N/A.(*)
Eye contact: N/A.(*)
Skin contact: N/A.(*)
Ingestion: Remove any material from mouth.
Seek medical attention.

5. FIRE FIGHTING PROCEDURES

Condition of flammability: Flammable
Flash point: None
Sensitivity to mechanical shock: None
Autoignition temperature: None

6. ACCIDENTAL RELEASE MEASURES

; N/A

7. STORAGE AND HANDLING

Storage:

Do not expose to temperature exceeding 40 °C for a prolonged time.
Keep in the original container in a cool & well-ventilated place.

Handling: (*)

Avoid inhalation of dust during the processing of the resin
Local exhaust is recommended.

8. EXPOSURE CONTROL/INDIVIDUAL PROTECTION

Exposure limits:

Not required in particular.

Engineering controls:

Not required in particular.

Eye/face protection:

Not required in particular.

Skin protection:

Not required in particular.

Respiratory protection:

Not required in particular.

Other/general protection:

Not required in particular.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Solid

Odor:

Odorless

Acidity (acid value; mg KOH/g):

N/A

Intrinsic Viscosity:

N/A

Softening point/interval:

130 °C

Freezing point/interval:

N/A

Exposure properties:

N/A

Vapor pressure:

N/A

Specific density:

N/A

10. STABILITY AND REACTIVITY

Stability:

Stable

Incompatible materials:

None

Hazardous decomposition products:

None

Hazardous polymerization:

None

11. TOXICOLOGICAL INFORMATION

Information on the product:

No exact toxicological data are available.

12. ECOLOGICAL INFORMATION

The product is not harmful for the environment.

As this product is a 100% active material, no evaporation or air pollution during handling under normal conditions can occur. (*)

13. DISPOSAL CONSIDERATIONS

The product may be disposed of under controlled incineration and in agreement with local and national legislation.

14. TRANSPORT REGULATIONS

Not subject to regulation. (*)

Check the containers to make sure that there is no physical damage.

This product is not classified as dangerous for transport purposes.

15. REGULATORY INFORMATION

No label required.

16. OTHER INFORMATION

(*) Denotes a revision from the previous version of this MSDS.

17. User responsibility/Disclaimer of Liability

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this material. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state and local laws and local regulations remains the responsibility of the user. This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to develop appropriate work practice guidelines and employee instructional programs for your operation.

"This Material Safety Data Sheet complements, but does not replace, our Technical Data Sheet. The information is provided by way of a guide to the use of our product and is correct to the best of our knowledge.

We can not guarantee that the risks referred to above are the only risks present. The final choice of the application of a product is thus the sole responsibility of the user."

End of document.

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