



SAFETY DATA SHEET NTRF (SM-25D)

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	NTRF (SM-25D)
Synonyms; trade names	PET Release Film.
CAS number	25038-59-9

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Production of printed circuit board materials.
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1.3. Details of the supplier of the safety data sheet

Supplier	Ventec Electronics (Suzhoe) Co. Ltd 308, Taishan Road, New District, Suzhoe Jiangsu, P.R.C. 215129
Manufacturer	Ventec Electronics (Suzhoe) Co. Ltd 308, Taishan Road, New District, Suzhoe Jiangsu, P.R.C. 215129

1.4. Emergency telephone number

Emergency telephone	0086-512-68091810
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

2.2. Label elements

Hazard statements	NC Not Classified
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2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

NTRF (SM-25D)

PET Film	95%
CAS number: 25038-59-9	
Classification	
Not Classified	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments Silicone Coating Added.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	IF INHALED: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if symptoms are severe or persist.
Ingestion	IF SWALLOWED: Give plenty of water to drink. Induce vomiting if directed to do so by medical personnel.
Eye contact	If dust has entered the eyes, proceed as follows. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract.
Ingestion	Due to the physical nature of this product, it is unlikely that ingestion will occur. May cause discomfort if swallowed.
Skin contact	Dust may cause slight irritation.
Eye contact	Dust may cause slight irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use foam, carbon dioxide or dry powder to extinguish.
Unsuitable extinguishing media	None known.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO ₂). Carbon monoxide (CO).
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5.3. Advice for firefighters

Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid inhalation of dust and contact with skin and eyes.

6.2. Environmental precautions

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Environmental precautions Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Take precautionary measures against static discharges. Wear protective clothing as described in Section 8 of this safety data sheet.

Advice on general occupational hygiene No specific requirements are anticipated under normal conditions of use.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store at temperatures between 5°C and 30°C. Store at a humidity between 40-60% RH. Avoid contact with oxidising agents. Protect from sunlight.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Ingredient comments No data available on the specific mixture.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Mechanical ventilation or local exhaust ventilation may be required.

Personal protection The following personal protection may be needed if long term exposure during machining, grinding and sawing.

Eye/face protection Wear eye protection.

Hand protection Wear protective gloves.

Other skin and body protection No specific requirements are anticipated under normal conditions of use.

Hygiene measures Good personal hygiene procedures should be implemented.

Respiratory protection Wear a suitable dust mask.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Solid.

Colour Natural

Odour Almost odourless.

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Melting point	235°C
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Not reactive under normal use and conditions.
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10.2. Chemical stability

Stability	Stable under normal use and conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Strong oxidising agents. Strong acids. Strong alkalis.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
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10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products	Carbon dioxide (CO ₂). Carbon monoxide (CO).
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No data available on the specific mixture.
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Serious eye damage/irritation

Serious eye damage/irritation	Slightly irritating.
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Skin sensitisation

Skin sensitisation	May cause sensitisation or allergic reactions in sensitive individuals.
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SECTION 12: Ecological information

Ecotoxicity	No data on possible environmental effects have been found.
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12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability	The product is not biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential	No data available on bioaccumulation.
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12.4. Mobility in soil

Mobility	No data available.
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12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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General information External recovery, treatment, recycling and disposal of waste should comply with all applicable local and/or national regulations.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations None Listed.

EU legislation None Listed.

15.2. Chemical safety assessment

SECTION 16: Other information

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Revision 1

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