

Technical Safety Instruction of PSF

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1. Product Introduction

Product Name : PSF (Phenolic Surface Film)

Product Code: PSF 40/125 DBR

Product Description:

PSF 40/125 DBR is high resin content film used a saturating grade kraft paper impregnated with phenol formaldehyde resin. The film is a self-bonding sheet that cures under heat and pressure. It is used as an overlay for plywood and other wood based panels.

2. Technical Protective Measures

Respiratory Protection: Mask should be worn to prevent breathing dust or heated fumes.

Ventilation: Local exhaust and general ventilation recommended.

Protective Gloves: Suitable protective gloves should be worn to protect against skin contact and to prevent paper cuts.

Eye Protection: Safety glasses are recommended.

Other Protective Equipment: As required to prevent prolonged or repeated skin contact.

3. Emergency and First Aid Procedures

Skin contact: Wash with soap and water at once.

Eye contact: Flush with water for 15 minutes and call a physician if irritation persists.

Inhalation: Remove to fresh air.

Ingestion: Not applicable.

In all cases if irritation persists, obtain qualified medical advice.

4. Fire and Explosion Hazard Data

Flashpoint: Not applicable.

Extinguishing Media: Water spray, Carbon Dioxide foam or Dry Chemical, as determined by surrounding fire.

Special Fire Fighting Self- contained breathing apparatus is required.

Procedures: Hazardous Decomposition Products may include formaldehyde, and oxides of carbon, nitrogen, sodium and potassium.

Unusual Fire and Explosion Hazards: None

5. Spill or Leak Procedures

Steps to be taken in case material is released or spilled:

Collect material and place in a closed container.

Proper PPE (personal protective equipment) should be worn.

Waste disposal method:

At this time, this material would not be considered a hazardous waste as defined under the federal RCRA regulations (40 CFR 261). Material should always be disposed of in accordance with federal, state, and local regulations. For further information, contact your state or local solid waste disposal agency.

6. Handling and Storage

Precautions to be taken in Handling and Storing:

Recommended storage temperature is below 22°C, with a relative humidity of less than 55%. If necessary, a special climate controlled storage area should be provided.

Overlays should be stored in their original packaging until ready for pressing. Partial packages should be rewrapped until further use. Keep protective packaging intact.

Never expose overlays to direct heat sources or sunlight, even for a short period of time. Saturated papers are also pressure sensitive. Do not leave heavy materials on stored overlays.

Other precautions: The storage time for overlays is six months, provided that the above conditions are met. Store in a cool, dry and vented space with packaging left intact until use.

Guide line pressing conditions:

Temperature: 130~135°C Pressure: 12~14 kg/cm² Pressing time: 5~6min

7. Health Hazards

Effect of over exposure:

Contact with skin may cause irritation or rash. Eye contact may cause slight irritation or redness. Heated vapors may cause irritation or the respiratory infect.

Primary routes of entry:

Inhalation of dust or fumes, phenol may be absorbed through the skin.

8. Reactivity Data

Stability: Stable.

Conditions to Avoid:

Warm storage and ignition

sources.

Incompatibility: None known.

Hazardous polymerization: Will not occur.

Hazardous Decomposition Products may include formaldehyde, and oxides of carbon, nitrogen, and nitric oxides, sulphur oxides to a lesser extent.

9. Final Disposition

Material should always be disposed of in accordance with federal, state and local regulations.

10. Transport Information

This product is not regulated.

11. Regulatory Information

This product contains no hazardous ingredients above reportable thresholds as designated in the reporting requirements.

12. Other Information

The information contained herein is correct to the best of our knowledge. However, Dynea (Guangdong) makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. We suggest that you evaluate the product as well as the information, formulae and recommendations to determine fitness for the purpose for which its use is proposed. No protection from any law or patent is to be inferred.