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1. IDENTIFICATION OF THE ARTICLE AND THE COMPANY

Manufacturer's Name	Potentech (Guangdong) Limited
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Product Name	Potentech Foam sheet & Celuka
Product Family Name	PVC sheet

2. PRODUCT IDENTIFICATION

Chemical Name/Synonym	Poly Vinyl Chloride
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3. PRODUCT COMPONENTS

<u>COMPONENTS</u>	<u>CAS REG. NO.</u>	<u>WEIGHT(%)</u>
1. PVC	9002-86-2	75~81
2. Tin Stabilizer		2.4~2.8
3. Filler		8.5~12.5
4. Process Aid		4.0~6.0
5. Lubricant		1.0~1.9
6. Pigment		1.6~2.5

4. PHYSICAL PROPERTIES

Appearance	Foam Colour Planar Sheet
Odor	N/A
Viscosity	N/A
Melting Point	N/A
Boiling Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A

Material Safety Data Sheet



Specific Gravity	0.45 ~ 0.9@25°C(Water=1)
PH	N/A
Solubility in Water	Negligible
Volatility	Negligible(Weight%)

5. FIRE AND EXPLOSION HAZARD INFORMATION

Flash Point	N/A
Auto Ignition Temperature	N/A
Upper Explosion Limit(%)	N/A
Lower Explosion Limit(%)	N/A
Extinguishing Media	Dry Chemical Water
Fire Protection Equipment	Wear self-contained, positive pressure breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear
Unusual Fire & Explosion Hazard	Powdered material may form explosive dust-air mixtures

6. WORKPLACE EXPOSURE

	<u>OSHA</u>	
<u>COMPONENTS</u>	<u>PEL</u>	<u>STEL</u>
PVC sheet	None	None
Nuisance Dusts (as particulates)	5mg/m ³	None

7. HAZARD INFORMATION

Hazard Scale	0 = Significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme
Hazard Designation	1, Fire Designation = 1, Reactivity Designation = 0
Inhalation	Inhalation of vapors from heated product can cause nausea, headache, dizziness as well as irritation of lungs, nose & throat
Eye Contact	Vapors from heated product can irritate the eyes
Ingestion	Low Hazard associated with normal conditions
Skin Contact	Possible skin irritation. Contact with molten material results in burns
Carcinogenicity	N/A

8. EMERGENCY AND FIRST AID PROCEDURES

Inhalation	If symptomatic, move to fresh air. Get medical attention if symptoms persist
Eye Contact	If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention immediately.
Ingestion	Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be necessary.
Skin Contact	If burned by contact with molten material, cool as quickly as possible. Do not peel material from skin. Get medical attention.

9. REACTIVITY INFORMATION

Stability	Stable
Conditions to Avoid	None
Hazardous Decomposition	Thermal decomposition or combustion may emit vapors, carbon
Decomposition	Carbon Monoxide, Carbon Dioxide or Hydrochloric Acid

10. SPILL OR LEAK INFORMATION

Sweep or scoop up and remove.

11. WASTE DISPOSAL

Landfill or incinerate at a facility that complies with local, state and federal regulations

12. EXPOSURE CONTROLS / PERSONAL PROTECTION MEASURES

Respiratory Protection	None required under normal conditions. See Section 13.
Hand Protection	Canvas or cotton gloves
Eye Protection	It is a good industrial hygiene practice to minimize eye contact. Wear a face shield when working with molten material.
Ventilation	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstance such as poorly ventilated spaces, mechanical generation of dusts, heating, drying, etc.

13. STORAGE AND HANDLING INFORMATION

Maximum Storage	N/A
Storage Measures	If material is stored under ambient temperature conditions, it is not hazardous. Avoid contact with molten material.
Handling Measures	Keep away from fire. Blower collecting and local exhaust ventilation systems should be installed to prevent contaminant dispersion into the air. Sawing of this product generates particulates regulated as “inert” or “nuisance” dusts. To minimize dust emissions, engineering controls should be employed. such as bag house filters and cyclone separators.

14. PRINTING ABILITY

NOTE: All below information shall only used as a guide; buyers shall independently test and determine the products suitability. The mentioned data are average of test result and should not be used for the purpose of lawsuit or warranty.

INK PRINTABILITY

Solvent	Eco Solvent	UV	Latex
<input type="checkbox"/>		<input type="checkbox"/>	
Screen Printing	Dye Transfer	Dye Direct	Water based
<input type="checkbox"/>			

15. GLOSSARY

Mg/m³	Milligrams per cubic meter (concentration)
MSHA	Mine Safety and Health Administration
N/A	Not Applicable or Not Available
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration (Department of Labor)
PEL	Permissible Exposure Limit (Time-weighted average)
PET	Poly Ethylene Terephthalate
STEL	Short-Term Exposure Limit (15-minute)

This specification provides reliable and accurate data to the best of our knowledge at the time of publishing. Due to our inability to control conditions of use and application, we are unable to make any recommendations or suggestions. Mulford Plastics assumes no liability for use of information presented herein.