

Rigid PVC Foam sheet & CELUKA

MATERIAL SAFETY DATA SHEET

1. CEMICAL PRODUCT

Product Name PVC Foam sheet & CELUKA

Product Family Name PVC sheet

2. PRODUCT IDENTIFIICATION

Chemical Name or Synonyms Poly Vinyl Chloride

3. PRODUCT COMPONENTS

<u>COMPONENTS</u>	<u>CAS REG. NO.</u>	<u>WEIGHT()</u>
1. PVC	9002-86-2	78.0
2. Tin Stablizer		2.6
3. Filler		10.7
4. Process Aid		5.0
5. Lubricant		1.5
6. Pigment		2.2

4. PHYSICAL PROPERTIES

Appearance	Foam color planar sheet
Odor	N A
Viscosity	N A
Melting Point	N A
Boiling Point	N A
Vapor Pressure	N A
Vapor Density	N A(Air=1)
Specific Gravity	0.6 1.1@25 (Water=1)
PH	N A
Solubility in Water	Negligible
Volatility	Negligible(Weight)
Evaporation Rate	Negligible(Butyl Acetate=1)

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 And Explosion Hazard	Powdered material may form explosive dust-air mixtures..

6. WORKPLACE EXPOSURE

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

7. HAZARD INFORMATION

Hazard Scale	0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme
Health 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, and 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 can result burns.
Carcinogenicity	N

8. EMERGENCY AND FIRST AID PROCEDURES

Inhalation	If symptomatic, move to fresh air. Get medical attention if symptoms persist.
Eye Contact plenty	If molten material contacts the eye, immediately flush with of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention immediately.
Ingestion gastrointestinal	Material is not expected to be absorbed from the

Skin Contact	tract so that induction of vomiting should not be necessary. If burned by contact with molten material. cool as quickly as Possible. Do not peel material from skin. Get medical attention.
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9. REACTIVITY INFORMATION

Stability	Stable
Conditions to Avoid	None
Hazardous Decomposition	Thermal decomposition or combustion may emit vapors, carbon
Decomposition	carbon monoxide, or carbon dioxide or hydrochloric acid .
Products	
Incompatible Compounds	

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.
Other Protection	N A
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
Temperature:	
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 baghouse filters and cyclone separators.

14. GLOSSARY

mg/m ³	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)

The information presented herein is believed to be factual and reliable. It is offered in good faith., but without guarantee, since conditions and methods for the use of our products are beyond our control. We recommend that the prospective user determine the suitability of our products and these suggestions before adopting them on a commercial scale.