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MATERIAL SAFETY DATA SHEET

MSDS Number 13091022

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1. Product Identification and Company

Product Name	EX-CEL PVC Foam Sheet
Manufacturer	Excel Plastics Ltd. Derrylavin Kingscourt Rd Carrickmacross Co. Monaghan Ireland
Chemical Family	Vinyl Polymers
Chemical Name	Polyvinylchloride Sheet
CAS No.	Not applicable
Formula	Proprietary
Emergency Telephone	
Email	

2. Hazards Identification

Inhalation	When sawing drilling or trimming dust is created. This may cause irritation of the nose throat and lungs. These operations should be carried out in a well ventilated area.
Ingestion	Not Applicable
Skin contact	Intimate contact with dust particles may cause slight irritation. Adequate personal hygiene is necessary to ensure there is no build-up of dust and particles inside gloves clothes etc.
Eye Contact	Any foreign body can cause irritation to the eye.
Major Health Effects	No Significant hazard to health.
Environmental effects	No detrimental effects on the environment.

The physical data presented above are typical values and should not be construed as a specification

3. Composition / Information on Ingredients

No.	Components	CAS No.	Percent	EXPOSURE LIMITS
1	PVC Resin	9002-86-2	> 70%	TLV (ACGIH-USA) TWA = 10 mg/ M ³ (Inhalable PNOC) OES(HSE-UK) TWA = 10 mg/ M ³ (Inhalable PNOC) TLV (ACGIH-USA) TWA = 3 mg/ M ³ (Respirable PNOC)
2	Tin Stabilizer	Not declared by supplier	< 2 %	ACGIH TWA & OSHA_TRANS PEL = 0.1 mg/ M ³ (as Sn) ACGIH STEL (Skin) = 0.2 mg/ M ³ (as Sn)
3	Calcium Carbonate	1317-65-3	< 5%	TLV 5 mg/M ³ in air
4	Titanium Dioxide	13463-67-7	< 5%	PEL (OSHA) 15 mg/M ³ total dust, 8 Hr. TWA TLV (ACGIH) 10 mg/M ³ total dust, 8 Hr. TWA
5	Proprietary	Mixtures	< 9 %	Not established

4. First Aid Measures

Eye Contact	Immediately flush eyes with water for at least 15 minutes. Do not rub the eyes. If irritation develops, consult a physician.
Skin Contact	If burned by molten plastics, get medical attention immediately
Inhalation	If smoke from burning plastics is inhaled, remove subject in fresh air immediately. If symptoms develop, seek immediate medical attention.
Ingestion	Unlikely ≈
Notes to Physician	Treat symptomatically and supportively
Other Instructions	Never give anything by mouth to an unconscious person

5. Fire hazard Data and fighting methods

Flammable Limits in Air (LEL, %) (UEL, %)	Not Applicable Not Applicable			
Extinguishing Media	Dry chemical, foam water, or carbon dioxide			
Special Fire Fighting Procedure	In the event of fire, wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) Full protective clothing. Evacuate all personnel from danger area. Use dry chemical, foam, water or carbon dioxide to extinguish fire.			
Unusual Fire and Explosion Hazards	PVC will not continue to burn after ignition without an external fire source. However, when forced to burn the major gaseous products of the combustion of PVC are carbon monoxide, carbon dioxide, and hydrogen chloride.			
Emergency Overview	During a Fire Emergency			
Primary Route(s) of Exposure	<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion	<input checked="" type="checkbox"/> Eye	<input checked="" type="checkbox"/> Skin Contact
Potential Health Effects and Symptoms of Over-Exposure During a fire emergency, when this product is burned, it may generate smoke.				
Eye Contact	Smoke from a fire emergency may cause eye irritation			
Skin Contact	Molten plastics from a fire may cause skin burns			
Inhalation	Smoke from a fire emergency may cause respiratory irritation			
Ingestion	Unlikely			
Medical Conditions Aggravated by Over-Exposure Available toxicological information and the physical/chemical properties of the material suggest that there is no evidence that this product aggravates an existing medical condition.				
Carcinogenicity	NPT : No.	LARC : No	OSHA : No	

6. Accidental Release Control Measures				
Response to spills		Not Applicable		
7. Handling and Storage				
Handling		Use with care. Wear gloves if necessary when cutting or fabricating sheet		
Storage		Store in a cool dry, well-ventilated area away from sources of extreme heat or Fire. Note: Electrical buildup is possible.		
Container Use		Not Applicable		
8. Exposure Controls & Personal Protection Recommendation				
Eye Protection		Wear safety glasses during sheet cutting or fabricating process		
Skin Protection		Wear gloves when cutting or fabricating sheet by hands		
Respiratory Protection		<ul style="list-style-type: none"> Fire fighter should wear NIOSH approved self-contained breathing apparatus (SCBA) during fire emergency. Where work place conditions warrant, use breathing protection. 		
Engineering Control		Ventilation Requirement	<input type="checkbox"/> Local Exhaust	<input type="checkbox"/> Specific <input checked="" type="checkbox"/> General
Required work/ Hygiene Procedure		Do not eat, drink, or smoke in work area. Wash hands thoroughly after handling, especially before eating, drinking, smoking, chewing, or using restroom facility.		
Exposure Guidelines				
No.		P		
Components		PVC Sheet		
OSHA-PEL		Not Applicable		
ACGTH-TLV		Not Applicable		
9. Physical and Chemical Properties				
Physical Form		Solid		
Colour		Finished sheet with colours specified		
Odor		Insignificant		
Boiling Point		Not Applicable		
Melting Point		Not established		
Freezing Point		Not Applicable		
Solubility in Water		None		
Specific Gravity		< 0.85 (water = 1)		
Vapor Density		Not applicable (air = 1)		
Evaporation Rate		None (Butyl Acetate = 1)		
Vapor Pressure		Not applicable		
% Volatile		None		
pH		Not Applicable		
10. Stability and Reactivity				
Stability		Stable		
Conditions to Avoid		Fire or extreme heat		
Hazardous Decomposition		If burned, it will generate carbon dioxide, carbon monoxide, HCl		
Hazardous Polymerization		Will not occur		
11. Toxicological Information				
Chemical		PVC Sheet		
Toxicity Data		A review of the scientific literature did not indicate specific toxicological information for PVC Sheet		

12. Ecological Information

No data is available on the adverse effects of this product on the environment.

The information provided below can be subject to misinterpretation. Therefore, it is essential that following information be interpreted by individuals trained in its evaluation.

13. Disposal Considerations

Disposal Method	It must be disposed of in accordance with Federal, State and local environmental control regulations.
Recycle/ Reclaim	Recycling of PVC sheet should be encouraged where possible

14. Transport Information

DOT Shipping Name	Not listed
DOT Label	Not Applicable
DOT Hazard Glass	Not Regulated
UN/NA Number	Not Applicable
Hazard Label(s)	Not Applicable
Hazard Placard(s)	Not Applicable
Packing Group	Not Applicable
Bulk Packaging	Not Applicable
RQ	Not Applicable
Emergency Response Guide (ERG No.)	Not Applicable

15. Regulatory Information	
Federal Regulatory Information : PVC Sheet	
OSHA Status	Not listed, non-hazardous
EPA Clean Air Act Status	Not listed
EPA Clean Water Act Status	Not listed
TSCA Status	All ingredients are listed on TSCA inventory (40 CFR710)
CERCLA RQ	Not listed
SARA Title III : PVC Sheet	
Section 302*	None * Reportable quantity of extremely hazardous substance, Sec 302 <ul style="list-style-type: none"> Threshold planning quantity, extremely hazardous substance. Sec. 302
Section 313**	None ** Toxic Chemical Sec. 313 ** Category as required by Sec. 313 (40CFR37263 C) must be used on Toxic Release Inventory form
Section 311/312***	None *** Hazard category for SARA Sec. 311/312 reporting H1= acute health hazard H2= chronic health hazard P3= fire hazard P4= sudden release of pressure hazard P5= reactive hazard
RCRA Status	It is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste (40CFR261.20-24)
Other Regulatory Information The following chemicals are specifically listed by individual states, other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements, you should contact the appropriate agency in your state.	
State	Name
Chemical	PVC Sheet
Regulations	None
Product Name	PVC Sheet
International	None
16. Other Information	
NFPA	HMIS
Fire – 1	Health – 0
Health – 0	Flammability – 1
Reactivity – 0	Reactivity – 0
Specific Hazard - None	Personal Protection Index - E

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