HECKMANN BUILDING PRODUCTS INC. – SAFETY DATA SHEET (SDS)
#330 Plastic Weep Tubes and #419 Wall Stabilizing Plastic Inserts

1. Product and Company Identification

1.1. Product identifier

Acrylite® Acrylic Molding and Extrusion Compounds

Polymethylmethacrylate; PMMA

1.2. Recommended use of the chemical and restrictions on use

Recommended use(s): molding compound for injection molding and extrusion

Non-recommended use(s): None known.

1.3. Details of the supplier of the safety data sheet

Heckmann Building Products
Division of US Masonry and Building Products
110 Richards Avenue
Norwalk, CT 06854
800-621-4140

2. Hazards identification

2.1. Classification of the substance or mixture

This product is not considered to be a hazardous substance or mixture when classified in accordance with Regulation 29 CFR 1910.1200 (US GHS).

2.2. Label elements

This mixture is not classified according to US-GHS.

2.3. Other hazards

Dust explosions are generally to be expected with dust -forming organic products.

3. Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous Ingredients

Component	CAS-No.	Content
Polyvinyl Chloride Resin	9002-86-2	> 80.0 %
Additives	Mixture	< 20.0 %

4. First-aid measures

4.1. Description of first aid measures

General advice - No special measures are required.

Inhalation - No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

Skin contact - After contact with melted product cool quickly with cold water. See a physician.

Eye contact - If mechanical irritation occurs flush eyes thoroughly with a large amount of water, consult a physician if irritation persists.

Ingestion - Ingestion is not considered a potential route of exposure.

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

No hazards known.

4.3. Indication of any immediate medical attention and special treatment needed
None known

5. Fire-fighting measures

5.1. Extinguishing media
Suitable extinguishing media foam, dry chemical, carbon dioxide, water spray
Unsuitable extinguishing media full water jet
5.2. Specific hazards arising from the chemical
In case of fi re partly flammable, partly harmful vapors, which are irritating to the eyes and respiratory system, may be formed on thermal decomposition.
5.3. Special protective equipment and precautions for fire-fighters
As in any fire, wear sel f-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray to cool containers exposed to fire.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Avoid dust formation.
6.2. Environmental precautions
Avoid release to the environment.
6.3. Methods and materials for containment and cleaning up
Collect material and place in a disposal container. Obey relevant local, state, provincial and federal laws and regulations.
6.4. Reference to other sections
For personal protection see section 8.

7. Handling and storage

7.1. Precautions for safe handling
Safe handling advice - Avoid dust formation. During thermoplastic processing, vapors of the decomposition products referred to in section 10 are given off, which are technically unavoidable (Observe exposure threshold limit values). During thermal processing and/or machining local exhaust ventilation at processing machines is recommended.
Advice on protection against fire and explosion - Take precautionary measures against static discharges. In the event of fire, cool the endangered product with water.
7.2. Conditions for safe storage, including any incompatibilities - Requirements for storage areas and containers: Store in a dry place.

8. Exposure controls/personal protection

8.1. Control parameters
Exposure Limit Information
Engineering controls: Provide local exhaust ventilation where vapors may be generated.
Personal Protective Equipment: Eye protection: Safety glasses or goggles.
Respiratory protection: Wear approved respirator for dust/vapor as necessary.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties
Color - colorless or colored
Form - Pellets
Odor - odorless
Odor Threshold - no data available

physical state - solid
Melting point/freezing point - various melting points between 176°F (80°C) to 338°F (170°C)
Boiling point/range - not applicable
Flash point - no data
Evaporation rate - not applicable
Ignition temperature - no data available
Autoignition temperature - > 400 °C > 752 °F
Decomposition temperature - This product is stable under normal storage conditions. No decomposition if stored and applied as directed. Depolymerization begins at 250 °C / 482 °F.
Impact sensitivity - no data available
Lower explosion limit - not applicable
Upper explosion limit - not applicable
Flammability (solid, gas) - no data available
Vapor pressure - not applicable
Density ca. - 1.19 g/cm3 at 20 °C / 68 °F
Relative density - no data available
Bulk density - no data available
Relative vapor density (related to air) - not applicable
Solubility in water - insoluble
Solubility (quantitative) - no data available
Solubility (qualitative) - in e.g. esters, ketones and chlorinated hydrocarbons: readily soluble
pH - not applicable
n-Octanol/water partition coefficient - not applicable
Viscosity (dynamic) - not applicable
Viscosity (kinematic) - not applicable

10. Stability and reactivity

10.1. Reactivity – not reactive under normal temperatures and pressures..
10.2. Chemical stability
This product is stable under normal storage conditions.
10.3. Possibility of hazardous reactions No dangerous reactions known.
10.4. Conditions to avoid High processing temperature.
10.5. Incompatible materials No known incompatibility with other materials.
10.6. Hazardous decomposition products – Decomposition by high processing temperatures may emit hydrogen chloride (HCl)

11. Toxicological information

11.1. Information on toxicological effects
Acute Oral Toxicity - no specific test data available, no evidence for hazardous properties (structure-activity-relationships) (analogy)
Caustic burning / irritation of skin - no specific test data available, no evidence for hazardous properties (structure-activity-relationships) (analogy)
Serious eye damage/eye irritation - no specific test data available, no evidence for hazardous properties (structure-activity-relationships) (analogy)
Respiratory/skin sensitization - no specific test data available no evidence for hazardous properties
(structure-activity-relationships) (analogy)
Aspiration hazard no specific test data available - no evidence for hazardous properties (structure-activity-relationships) (analogy)
Mutagenicity assessment no specific test data available - no evidence for hazardous properties (structure-activity-relationships) (analogy)

Carcinogenicity no specific test data available - no evidence for hazardous properties (structure-activity-relationships) (analogy)
Reprotoxicity / teratogenicity no specific test data available- no evidence for hazardous properties
(structure-activity-relationships) (analogy)
CMR assessment CMR: no - no specific test data available (structure-activity-relationships) (analogy)
Specific Target Organ Toxicity - Single exposure - no specific test data available - no evidence for hazardous properties (structure-activity-relationships) (analogy)
Specific Target Organ Toxicity - - Repeated exposure - no specific test data available - no evidence for hazardous properties - (structure-activity-relationships) (analogy)
General information - The product has not been tested toxicologically. When handled and used as directed the product will not cause hazardous effects to health according to studies on similar products and practical experience. The fine particles contained in the product may cause mechanical irritations of the skin, eyes and mucous membranes. Avoid skin and eye contact and inhalation of product dust/aerosols.

12. Ecological information

12.1. Toxicity

Hazardous to the aquatic environment - no specific test data available, no evidence for hazardous properties.
(structure-activity-relationships) (analogy)
12.2. Persistence and degradability - Persistence and degradability no specific test data available**,** no evidence for hazardous properties (structure-activity-relationships) (analogy)
12.3. Bioaccumulative potential - Bioaccumulation no specific test data available**,** no evidence for hazardous properties (structure-activity-relationships) (analogy)
12.4. Mobility in soil - Mobility no specific test data available, no evidence for hazardous properties (structure-activity-relationships) (analogy)
12.5. Results of PBT and vPvB assessment - PBT and vPvB assessment PBT: no vPvB: no
12.6. Other adverse effects - General Information The product has not been tested ecotoxicologically. On the basis of the products consistency as well as its low water solubility a bioavailability is unlikely. Studies on products with similar composition confi rm this assumption. Prevent substance from entering soil, natural bodies of water and sewer systems.

13. Disposal considerations

13.1. Waste treatment methods - Product Waste must be disposed of in accordance with federal, state and local regulations. Incineration is the preferred method. CYRO encourages the recycle, recovery and reuse of materials, where permitted, as an alternate to disposal as a waste.
Uncleaned packaging - Contaminated packaging should ideally be emptied; it can then be recycled after having been decontaminated. Packaging that cannot be cleaned should be disposed of professionally. Uncontaminated packaging may be taken for recycling.

14. Transport information

US DOT Hazard Classification
Not subject to the regulations on dangerous goods.
Canadian TDG Classification
Not subject to the regulations on dangerous goods.
Shipment by sea IMDG/GGVSee
Not dangerous according to transport regulations.

Air transport ICAO/IATA
Not dangerous according to transport regulations.

15. Regulatory information
California Proposition 65: This product contains substances known to the State of California to cause cancer.
OSHA 29 CFR 1910.1017: Polyvinyl chloride contains vinyl chloride. Vinyl chloride is a cancer suspect agent.

16. Other information
Revision Date: 8/25/2017

	Health	Flammability	Physical Hazard
HMIS-Ratings	0	1	0
NFPA-Ratings	0	1	0

HMIS Hazard Ratings
4 = severe
3 = serious
2 = moderate
1 = slight
0 = minimal
N = no rating for powders
* = chronic health hazard

NFPA Hazard Ratings
4 = extreme
3 = high
2 = moderate
1 = slight
0 = insignificant
N = no rating for powders

Other information none