



TEK - SC-110+ Interleaving Powder

1 Identification

GHS Product Identifier

TEK - SC-110+

Other means of identification

White powder

Recommended use of the chemical and restriction on use

Mechanical separator for glass

Supplier's details

Teknapack, Inc.
471 Apollo Drive, Suite 10
Lino Lakes, MN 55014
www.teknapack.com

Emergency phone number

1-651-780-0088
(Monday thru Friday; 7:30AM - 3:30PM CST)

2 Hazard(s) identification

Classification of the substance or mixture

Not classified hazardous.
No GHS label elements required.

GHS label elements

Other hazards which do not result in classification

May form combustible dust-air mixture if dispersed.
Spillages may be slippery.
Handle in accordance with good industrial hygiene and safety practice.

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
Poly(Methyl methacrylate/Ethyl acrylate)	9010-88-2		99.95 - 100	
			0	Unidentified ingredients are considered not hazardous and are not required to be listed under Federal Hazard Communication Standard (29CFR 1910.1200).

4 First-aid measures

Description of necessary first-aid measures

Inhalation:

Remove the affected individual into fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, seek professional medical attention.

Skin Contact:

Wash thoroughly with soap and water. Wash clothing separately. Seek professional medical attention if irritation develops or persists.

Eye Contact:

Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Seek professional medical attention.

Ingestion:

If swallowed, do NOT induce vomiting. If vomiting occurs naturally, have individual lean forward to reduce risk of aspiration. Seek professional medical attention if ill effects occur.

Most important symptoms/effects, acute and delayed**Inhalation:**

Not applicable.

Skin Contact:

Not applicable.

Eye Contact:

May cause eye irritation. Symptoms may include scratching.

Indication of immediate medical attention and special treatment needed, if necessary

None necessary.

5 Fire-fighting measures**Suitable extinguishing media**

Water mist, Foam, Dry Powder or CO₂.

Do NOT use a solid water stream as it may scatter and spread fire.

Do NOT use water jet.

Specific hazards arising from the chemical

Combustible but not readily ignited. May form combustible dust concentrations in air.

Combustion or thermal decomposition will evolve toxic, irritant and flammable vapors.

By analogy with similar materials, the product may decompose if heated to temperatures above 392° F (200° C).

Special protective actions for fire-fighters

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing, and face mask.

6 Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Caution - spillages may be slippery.

Wear personnel protective clothing and equipment. See Sections 7 and 8.

Do not breathe dust.

Remove all sources of ignition.

Environmental precautions

Prevent further spillage if safe to do so.
 Avoid discharge into drains and water courses.
 Avoid release to the environment.

Methods and materials for containment and cleaning up

Avoid dust formation and dispersal. Remove all sources of ignition. Ensure adequate ventilation.
 Do not create a powder cloud by using compressed air or brisk brushing. Pick up spillage by shovel or using a dust suppressant agent before sweeping.
 Dispose of into appropriate container and according to local, regional, and national regulations.

7 Handling and storage**Precautions for safe handling**

Avoid contact with eyes. Avoid prolonged skin contact. Do not breathe dust from this material. Wear appropriate personnel protective clothing and equipment. Wash hands thoroughly after contact. Maintain good industrial hygiene. No smoking. Unlikely to represent a dust hazard under normal handling conditions.

Conditions for safe storage, including any incompatibilities

Keep in a clean, cool and dry area away from heat sources. Natural ventilation is adequate. Storage temperature is ambient. No known incompatible materials.

8 Exposure controls/personal protection**Control parameters**

Respirable Dust	5 mg/m ³ (OSHA PEL TWA)
Total Dust	15 mg/m ³ (OSHA PEL TWA)

This is a polymeric product and when used as recommended, any hazardous constituents of the polymer are wetted by the polymer system and therefore are unlikely to present exposure under normal conditions of use; the polymer requires no monitoring.

Appropriate engineering controls

Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

Individual protection measures

Respiratory protection: A suitable dust mask or dust respirator with filter P3 or FFP3 (EN 143 or EN149) may be appropriate. In the unlikely event of formation of particularly high levels of dust, a self contained breathing apparatus may be appropriate.

Skin protection: Not normally required.

Eye/Face protection: Safety glasses with side shields, safety goggles, or chemical goggles and face shield.

9 Physical and chemical properties**Physical and chemical properties**

Form:	Solid, powder
Color:	White/Transparent
Odor:	Typically methacrylate (polymeric)

Specific Gravity: 1 - 1.2

10 Stability and reactivity

Reactivity

None known. Stable and non-reactive under normal conditions of use, transport, and storage.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None known.

Conditions to avoid

Avoid dust generation. Keep away from heat.

Incompatible materials

None known.

Hazardous decomposition products

Decomposition may occur under high temperature conditions. Under thermal decomposition, product emits Carbon monoxides, Carbon dioxides, Methyl methacrylate, Ethyl acrylate.

11 Toxicological information

Information on the likely routes of exposure

Inhalation, skin, eyes, ingestion

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation:

May cause coughing.

Eyes:

May cause scratching, tearing or redness.

Delayed and immediate effects and also chronic effects from short and long term exposure

Inhalation:

Unlikely to be hazardous by inhalation. High concentrations of vapor from hot operations may be harmful, cause irritation of the respiratory tract and slight narcotic effects. Avoid inhaling under any conditions.

Skin:

Unlikely to cause skin irritation.

Eyes:

Polymer particles, like other inert materials, are mechanically irritating to the eyes. Can cause scratching to the eye. Symptoms may include scratching, tearing or redness. If not removed, it may injure eye tissue.

Ingestion:

Low oral toxicity.

Other information

When handled appropriately, no adverse health effects are known.

12 Ecological information

Toxicity

The product is predicted to have low toxicity to aquatic organisms.

Persistence and degradability

The product is non-biodegradable in soil. There is no evidence of degradation in soil and water.

Bioaccumulative potential

The product has low potential for bioaccumulation.

Mobility in soil

The product is predicted to have low mobility in soil.

Other adverse effects

None known.

13 Disposal considerations

Disposal methods

Dispose of spilled material and empty containers in accordance with local regulations for waste that is non-hazardous by Federal definition.

Incineration of polymer beads may be used to recover energy value.

Note: This information applies to the material as manufactured; processing, use or contamination may make this information inappropriate, inaccurate, or incomplete. Incineration may be used to recover energy value.

14 Transport information

UN Number

Not applicable.

UN Proper Shipping Name

Not applicable.

Transport hazard class(es)

Not classified as dangerous for transport.

Packing group, if applicable

Not applicable.

Environmental hazards

No.

Special precautions for user

See section 6, 7, and 8.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

15 Regulatory information

Safety, health and environmental regulations specific for the product in question

TSCA Inventory:	Ingredients comply; are listed on inventory.
SARA 302 and 313:	None
Clean Water Act (CWA):	None
Canada Domestic Substance List (DSL):	Ingredients comply; are listed on inventory.
US State Regulations: Section 8).	Substances known to the state of California to cause cancer: Ethyl acrylate (see Substances known to the state of California to cause birth defects: None known.

16 Other information

Other information

The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed are the only ones which exist. No warranty of any kind, expressed or implied, is made herein concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. User has sole responsibility to determine the suitability of the materials for any use, and the manner of use contemplated. Use must meet all applicable safety and health standards. User is responsible to advise their workers and the general public of any risks resulting from use of this material.