SciCron Technologies, LLC

SAFETY DATA SHEET

1. IDENTIFICATION

PRODUCT NAME: Includes PVC-300™, PVC-350™, CPVC-300™, CPVC-350™, AGM™700 Anti-Glare/Anti-Microbial, AMC™800 Anti-Microbial Clear

SDS NUMBER: SC-002-SDS

GENERIC NAME: Coated Polyvinyl Chloride Sheet

DATE ISSUED: April 29, 2020

MANUFACTURER: SciCron Technologies, LLC

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CITY, STATE, ZIP: Amarillo, TX 79107

EMERGENCY (PLANT MANAGER): 806-372-8300

2. HAZARDS IDENTIFICATION

This material is classified as not hazardous under OSHA regulations. Under normal conditions of use, this product is not expected to create any unusual industrial hazards. Irritating gases/fumes may be given off during burning or thermal decomposition. Contact with hot material with cause thermal burns.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: ≤80.0% Polyvinyl Chloride Resin [68648-82-8]
<1.0% Coating [Proprietary]

4. FIRST AID MEASURES

Most Important Symptom(s)/Effect(s)

INHALATION: Move to fresh air.

EYE CONTACT: Flush with large amounts of water until irritation subsides. Obtain medical attention.

SKIN CONTACT: If molten material contacts skin, cool rapidly with cold water and obtain medical attention for thermal burn.

INGESTION: This material is not expected to be absorbed within the gastrointestinal tract, therefore induction of vomiting should not be necessary

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide, dry chemical, or water.

Fire Fighting Procedure: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Fire/Explosion Hazards: CPVC is similar to PVC in resistance to fire. It is typically very difficult to ignite and tends to self-extinguish when not in a directly applied flame.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION: Ensure adequate ventilation. Wear personal protective equipment. Do not breathe dust. Remove all sources of ignition.

ENVIRONMENTAL PRECAUTIONS: Do not allow to enter into soil, waterbodies, or drains.

METHODS FOR CLEANING UP: Avoid generation of dust. Remove all sources of ignition. Sweep or scoop up into closed containers for disposal.

7. HANDLING AND STORAGE

MAX: Storage Temperature: 90°F / 32°C

HANDLING: Ensure appropriate exhaust and ventilation at machinery and at places where dust can be generated. Avoid dust formation, accumulation of static charges. Prohibit sources of spark and ignition, such as smoking. Processing of this product under high temperatures will cause hazardous emissions of vapors, carbon monoxide, or carbon dioxide.

STORAGE: If this material is stored under ambient temperature conditions, it is not hazardous. However, extensive storing at higher than 266°F / 130°C will emit vapors, carbon monoxide, or carbon dioxide.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES: Not applicable

VENTILATION MEASURES: Provide good ventilation and/or an exhaust system in the work area.

EYE PROTECTION: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations 29 CFR 1910.133 or European standard EN166

RESPIRATORY PROTECTION: None required under normal conditions.

SKIN AND BODY PROTECTION: Wear appropriate protective gloves and clothing to prevent skin exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Solid Sheet
APPEARANCE: Clear to Opaque
ODOR: Not Applicable
pH: Not Applicable
MELTING POINT: 390°F / 199°C
BOILING POINT: Not Available
FLASH POINT: 872°F / 467°C approx.
DECOMPOSITION TEMPERATURE: Not Established
AUTO-IGNITION TEMPERATURE: 1077ºF (581ºC) approx.
EXPLOSION LIMITS: Not Applicable
EVAPORATION RATE: Not Applicable
VAPOR PRESSURE: Not Applicable
VAPOR DENSITIY: Not Applicable
RELATIVE DENSITY: 1.05 approx.
SOLUBILITY IN WATER: Insoluble

10. STABILITY AND REACTIVITY

STABILITY: Product is stable under normal conditions.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Strong oxidizing agents, strong acids, & strong bases.

DECOMPOSITION PRODUCTS: Hydrogen chloride, organic acids and esters, hydrocarbon fragments. Carbon Monoxide & Carbon Dioxide from burning. When heated to decomposition, vapors can react with oxidizing materials forming strong acrid fumes.

CONDITIONS TO AVOID: Incompatible products. Excess heat. Keep away from open flames, hot surfaces, and ignition sources. Avoid contact of heated sheet with acetal or acetal copolymers and amine containing materials.

11. TOXICOLOGICAL INFORMATION

No known toxicities.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: This product is a solid, inert product with low volatility and is essentially insoluble in water.

MOBILITY: Due to the solid nature of this product, it should have low mobility in soil.

PERSISTENCE & DEGRADABILITY: This product is non-biodegradable.

BIOACCUMULATION: This solid product has a low potential for bioaccumulation.

13. DISPOSAL CONSIDERATIONS

Waste disposal should be in accordance with all federal, state, and local environmental laws and regulations.

14. TRANSPORTATION INFORMATION

Not subject to national and international regulations on the transport of dangerous goods.

15. REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION:	Non- Hazardous
TOXIC SUBSTANCES CONTROL ACT:	Components listed
CERCLA HAZARDOUS SUBSTANCES (40CFR302):	None
SARA SECTION 311/312:	
Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of pressure hazard	No
Reactive Hazzard	No

16. OTHER INFORMATION

HMIS Rating: Health = 1 Flammability = 1 Reactivity Hazard = 0

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