

**M A T E R I A L   S A F E T Y   D A T A   S H E E T**  
BEIGE POLYESTER TGIC

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PRODUCT NAME: BEIGE POLYESTER TGIC  
PRODUCT CODE: P-1609

HMS CODES: H F R P  
1 0 1 E

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: SUNDUR POWDER COATINGS  
ADDRESS : 824 S. VANDEVENTER  
ST. LOUIS, MO 63110

EMERGENCY PHONE : (314) 776-4450      DATE PRINTED : 10/30/02  
INFORMATION PHONE : (314) 531-4950      NAME OF PREPARER : LAB

===== SECTION II - INGREDIENTS =====

COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
* 1,3,5 - TRIGLYCIDYL ISOCYANURATE NO EXPOSURE LIMITS ESTABLISHED	2451-62-9	N.A.      N.A.	<10%

\*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and 40 CFR 372.  
n/a

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: n/a      SPECIFIC GRAVITY (H2O=1): >1.15  
VAPOR DENSITY: n/a      EVAPORATION RATE: Not applicable.  
COATING V.O.C.: 0.00 lb/gl      MATERIAL V.O.C.: 0.00 lb/gl  
SOLUBILITY IN WATER: n/a  
APPEARANCE AND ODOR: Free flowing powder with minimal odor.

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: n/a      METHOD USED: n/a  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: n/a      UPPER: n/a

EXTINGUISHING MEDIA: Dry chemical, sand or ground limestone.

**SPECIAL FIREFIGHTING PROCEDURES**

Water spray may be ineffective. Water spray may be used to cool closed containers that are exposed to extreme heat. If water is used, fog nozzles are preferable. Firefighters should wear self-contained breathing apparatus and full protective clothing.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Dust can form explosive mixture in air.

===== SECTION V - REACTIVITY DATA =====

**STABILITY:** This product is normally stable and will not undergo hazardous reactions.

**CONDITIONS TO AVOID**

Excessive heat and direct sunlight.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Avoid contact with strong alkalis, strong mineral acids, or strong oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

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May produce the following hazardous decomposition products when exposed to extreme heat: carbon monoxide; carbon dioxide; lower molecular weight polymer fractions; hydrogen cyanide; ammonia; oxides of nitrogen; traces of isocyanate.  
Extreme heat includes, but is not limited to flame cutting, brazing, and welding.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**===== SECTION VI - HEALTH HAZARD DATA =====**

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Dusts generated during application of powder coatings harmful if inhaled.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

May cause slight skin irritation. Causes eye irritation.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

n/a

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Harmful if swallowed. Dried film of this product may be harmful if chewed or swallowed.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

n/a

**CARCINOGENICITY:** NTP CARCINOGEN: Yes IARC MONOGRAPHS: n/a OSHA REGULATED: n/a

n/a

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

Not applicable.

**EMERGENCY AND FIRST AID PROCEDURES**

If swallowed, do not induce vomiting. Gently wipe out inside mouth to remove any residual material. Contact physician.

If affected by inhalation of powder, remove to fresh air. Apply artificial respiration and other support measures as required. Contact physician.

In case of skin contact, flush immediately with plenty of water for at least 15 minutes followed by washing with soap and water.

In case of eye contact, remove contact lenses and flush eyes immediately with a gentle stream of luke warm water for at least 15 minutes.

**===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Wear appropriate protective clothing and respirator to prevent overexposure. Sweep up material taking care not to generate airborne dust. Collect into closable containers for proper disposal. Prevent runoff to storm sewers and ditches leading to neutral waterways.

**WASTE DISPOSAL METHOD**

Waste material must be disposed of in accordance with federal, state, provincial, and local environmental control regulations. Empty containers should be recycled or disposed of through an approved waste management facility.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

For better shelf life, do not store above 80 degrees Fahrenheit (26 degrees C.). Store in a well ventilated area separate from acids and alkalis. Protect from physical damage and keep containers closed and upright when not in use.

**OTHER PRECAUTIONS**

Store in a dry, cool place. Use only with adequate ventilation. Do not take internally. Keep out of reach of children and individuals unfamiliar with this product. Avoid contact with skin and eyes. Do not breathe dust. Wash thoroughly after handling.

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===== SECTION VIII - CONTROL MEASURES =====

**RESPIRATORY PROTECTION**

Use an appropriate NIOSH-approved particulate filter respirator. Read the respirator manufacturer's instructions and literature carefully to determine the type of airborne contaminants against which the respirator is effective, its limitations, and how it is to be properly fitted and used. Select in accordance with OSHA 1910.134 and good industrial hygiene practice.

**VENTILATION**

Provide adequate general and local exhaust ventilation in volume and pattern to remove decomposition products during baking, welding or flame cutting of parts coated with is product.

**PROTECTIVE GLOVES**

This coating does not pose a skin absorption hazard, Gloves selection should be based on the work task to prevent skin irritation.

**EYE PROTECTION**

Wear sufficient eye protection to prevent contact with powdered materials. Safety goggles are recommended.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

n/a

**WORK/HYGIENIC PRACTICES**

Maintain a clean dust free work environment. Wash skin thoroughly with soap and warm water after handling and before smoking, eating or applying makeup.

===== SECTION IX - DISCLAIMER =====

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