MATERIAL SAFETY DATA SHEET
for
Paints, Coatings, and Chemical Mixtures

Section 1 - Chemical Product and Company Information

Product Name: ANSI 49 Gray LT
TradeName(s):
Product Code: P4SK56
Manufactured by:

NORTEK POWDER COATINGS
5900 SUCCESS DRIVE
ROME, NY 13440

IN CASE OF EMERGENCY:

CHEMTREC:
1800-424-9300 24HR
1800-262-8200 BUSINESS HOURS

NORTEK POWDER
1-888-NORTEK7

Section 2 - Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name / CAS No</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyester Resin</td>
<td>TWA 10mg/m3 (8 hours)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyester Resin</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>35.24609 percent</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Limestone (calcium carbonate)</td>
<td>PEL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1317-65-3</td>
<td>Total dust 15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28.30693 to 28.30693%</td>
<td>Respirable dust, 5 mg/m3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid Carboxylated polyester resin</td>
<td>n/a</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19.58116 to 19.58116%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Titanium Dioxide Pigment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide 15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.34021 to 9.34021%</td>
<td>mg/m Amorphous Silica (80 mg/m) / % sio2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,3,5-Triglycidyl isocyanurate</td>
<td>0.05mg/m3 TWA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2451-62-9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.11204 to 4.11204%</td>
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</tbody>
</table>

Section 3 - Hazards Identification

This product may not contain any hazardous ingredients, however combustion may generate harmful fumes and vapors.
Dust clouds in air can be ignited by static discharge, electric sparks, hot surfaces and open flames.

HMIS Rating: 1 - 1 - 0

Routes of Entry: Inhalation, Eye contact, Skin Contact

Inhalation    Skin Contact    Eye Contact    Ingestion
Inhalation of dust can cause headache & Nausea
May cause sensitization by skin contact.
Harmful if swallowed.
Eyes contact can cause mechanical irritation. Like any other foreign dust particles.
   Eyes    Reproductive System    Skin
TGIC is a potential mutagen and genotoxin. TGIC caused sperm cell aberrations in laboratory mice.

Effects of Overexposure, Trade Secret:

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

- None

Section 4 - First Aid Measures

INHALATION - If product solids are inhaled either as dust or in the form of a spray mist, remove the person from exposure immediately. If breathing is difficult, irregular, or has stopped, start resuscitation. Seek medical attention if irritation develops or persists.

EYE CONTACT - Flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Seek medical attention if irritation develops or persists.

SKIN CONTACT - Remove contaminated clothing immediately. Flush the skin with large amounts of water, then wash the skin with soap and water. Seek medical attention if irritation develops or persists.

INGESTION - If material is ingested: Seek medical attention if irritation develops or persists.
If vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of liquid into the lungs.
Notes to Physician: Employer should provide this MSDS document with any injured employee seeking medical attention due to exposure to this product.

Section 5 - Fire Fighting Measures

Flash Point: None
Autoignition: Will not occur.
LEL: N/A
UEL: N/A

EXTINGUISHING MEDIA: Use carbon dioxide (CO2), "alcohol-resistant" foam, dry chemical, or water spray/water fog extinguishing systems.

UNUSUAL FIRE OR EXPLOSION HAZARDS: Material will burn in fire. Normal LEL for powder coatings is 0.04 to 0.07 ounces/cubic foot. Strong explosions are not expected below 0.4 to 0.7.
Do not allow run-off water from fire fighting to enter drains or water courses. This water must be disposed of in accordance with local regulations.

HAZARDOUS COMBUSTION PRODUCTS: See section 10 for a list of hazardous decomposition products for this mixture.
FIRE FIGHTING: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

Suitable Extinguishing media: use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

FIRE FIGHTING EQUIPMENT: Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA).

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**Section 6 - Accidental Release Measures**

**SPILL AND LEAK PROCEDURES:** Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personnel away from the contaminated area.

Do not allow material to enter any water system.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

**LARGE SPILLS:** Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas. Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Label the waste container. Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

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**Section 7 - Handling and Storage**

**HANDLING PRECAUTIONS:** Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as dust vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containers closed when not in use. Do not handle or store material near heat, sparks, open flames, or other sources of ignition. Store at room temperatures, i.e., 80 F (26.7 C).

**STORAGE:** Prevent from freezing. Do not store above 80 F (26.7 C).

For product stored in clean, dry conditions the expected shelf life is at least 12 months.

**KEEP CONTAINER CLOSED AFTER USE.**

**REGULATORY REQUIREMENTS:** No data found.

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**Section 8 - Exposure Controls / Personal Protection**
### Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstances:

- **Appearance**: Fine Powder
- **Odor**: Nearly Odorless
- **Physical State**: Solid
- **Vapor Density**: Heavier than air
- **Evaporation Rate**: N/A
- **Boiling Range**: 90 to 200 °C
- **% Volume Volatile**: 0.00
- **Specific Gravity (SG)**: 1.579
- **Lbs VOC/Gallon Less Water**: 0.00

### Section 10 - Stability and Reactivity

**Stability**: Stable

**Conditions to avoid**: Avoid exposure or contact to extremely high temperatures, Static Charge, Strong acids & Oxidizing agents. Risk of dust explosion.
Nor3
Strong oxidizing agents
NONE

Not Hazardous

Nor2
Oxides of nitrogen

**Toxic Substances Control Act (TSCA):** All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory:

WILL NOT OCCUR

Hazardous polymerization will not occur.

### Section 11 - Toxicological Information

Polyester Resin

- LC 50: No data found
- LD 50: No data found

Limestone (calcium carbonate)

- LC 50: No data found
- LD 50: No data found

Solid Carboxylated polyester resin

- LC 50: No data found
- LD 50: No data found

Titanium Dioxide Pigment

- LC 50: No data found
- LD 50: >10,000MG/KG IN RATS

1,3,5-Triglycidyl isocyanurate

- LC 50: 4hrs, male mouse 2000mg/m (inhalation)
- LD 50: rat 715mg/kg

Toxicological information: Powder can cause localised skin sensitization & irritation.

### Section 12 - Ecological Information

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

### Section 13 - Disposal Considerations

As the US EPA, state, regional, and other regulatory agencies may have jurisdiction over the disposal of your facility's hazardous waste, it is incumbent upon you, the hazardous waste generator, to learn of and satisfy all the requirements which affect you. Dispose of the hazardous waste at a properly licensed and permitted disposal site or facility. Ensure conformity to all applicable hazardous waste disposal regulations.

The US EPA Hazardous Waste Numbers which follow are applicable to this unadulterated product if the product enters the "waste stream." Refer to Title 40 of the Code of Federal Regulations, Part 268 (40 CFR 268). This part of the Code identifies solid wastes which are subject to regulation under various sections of the Code and which are subject to the notification requirements of Section 3010 of the Resource Conservation and Recovery Act (RCRA).

No data found

### Section 14 - Transport Information

This material is classified for transport as follows: Not regulated for transport. (Not dangerous for transport)

Transportation classification may vary by container volume and may be influenced by regional or country variations in regulations.

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper Shipping Name</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>- No data found</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Section 15 - Regulatory Information

Additional regulatory listings, where applicable.

Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory:

- 1333-86-4  Carbon Black
- 20344-49-4  Iron (III) Oxide
- 24623-77-6  Aluminum Hydroxide Oxide
- n/a  Solid Carboxylated polyester resin

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product may or may not contain a chemical or chemicals which are subject to the reporting requirements of the Act, and Title 40 of the Code of Federal Regulations, part 372.

- 24623-77-6  Aluminum Hydroxide Oxide

Section 16 - Other Information

Legend

- ACGIH - American Conference of Governmental Industrial Hygenists.
- BAc - Butyl acetate.
- OSHA - Occupational Safety and Health Administration.
- PEL - Permissible Exposure Limit.
- STEL - Short Term Exposure Limit.
- TLV - Threshold Limit Value.
- TWA - Time Weighted Average
- VOC - Volatile Organic Compound.

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