

**Issuing Date** 22-Sep-2021

**Revision Date** 17-Aug-2021

**Revision Number** 1

## 1. Identification

### Product identifier

**Product Name** 111 Heavy Duty Clay Non Strippable

### Other means of identification

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended use** Wallpaper adhesive

**Restrictions on use** No information available

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Roman Products, LLC  
824 State St.  
Calumet City, IL 46307 USA  
708-891-0770

#### **Distributor Address**

Elton Group  
1-5 Brough Street, Springvale, Victoria 3171 Australia  
T: +61 (3) 8555 2235

**E-mail** technicalhelp@romandec.com

### Emergency telephone number

**Emergency telephone** +1 708-891-0770 (8:30 AM – 5:00 PM - Monday through Friday)

## 2. Hazard(s) identification

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

|                 |             |
|-----------------|-------------|
| Carcinogenicity | Category 1A |
|-----------------|-------------|

### Hazards not otherwise classified (HNOC)

Not applicable.

### Label elements

#### **Danger**

#### **Hazard statements**

May cause cancer.

**Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

No information available.

**3. Composition/information on ingredients****Substance**

Not applicable.

**Mixture**

| Chemical name              | CAS No     | Weight-% | Trade secret |
|----------------------------|------------|----------|--------------|
| Kaolin                     | 1332-58-7  | 20-30%   | *            |
| Sodium nitrate             | 7631-99-4  | 5-10%    | *            |
| Titanium dioxide           | 13463-67-7 | 0.1<1%   | *            |
| Silica, crystalline quartz | 14808-60-7 | 0.1<1%   | *            |
| 4,4-Dimethyloxazolidine    | 51200-87-4 | 0.1<1%   | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. First-aid measures****Description of first aid measures****General advice**

IF exposed or concerned: Get medical advice/attention.

**Inhalation**

Remove to fresh air.

**Eye contact**

Rinse thoroughly with plenty of water, also under the eyelids.

**Skin contact**

Wash skin with soap and water.

**Ingestion**

Rinse mouth.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**5. Fire-fighting measures**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** No information available.

**Specific hazards arising from the chemical** No information available.

**Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

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

**Personal precautions** Ensure adequate ventilation.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

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

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Store at temperatures above 7 °C / 45 °F. Do not freeze. Keep containers tightly closed in a dry, cool and well-ventilated place.

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

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH |
|---------------|-----------|----------|-------|
|---------------|-----------|----------|-------|

|                                          |                                                                                                                              |                                                                                                                                                                                                                                        |                                                                                                                                                       |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Kaolin<br>1332-58-7                      | TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction<br>(vacated) TWA: 10 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction                                       | TWA: 10 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable dust                                                                      |
| Titanium dioxide<br>13463-67-7           | TWA: 10 mg/m <sup>3</sup>                                                                                                    | TWA: 15 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 10 mg/m <sup>3</sup> total dust                                                                                                                                                 | IDLH: 5000 mg/m <sup>3</sup><br>TWA: 2.4 mg/m <sup>3</sup> CIB 63 fine<br>TWA: 0.3 mg/m <sup>3</sup> CIB 63 ultrafine, including engineered nanoscale |
| Silica, crystalline quartz<br>14808-60-7 | TWA: 0.025 mg/m <sup>3</sup> respirable particulate matter                                                                   | TWA: 50 µg/m <sup>3</sup><br>(vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust<br>: (250)/( %SiO <sub>2</sub> + 5) mppcf<br>TWA respirable fraction<br>: (10)/( %SiO <sub>2</sub> + 2) mg/m <sup>3</sup><br>TWA respirable fraction | IDLH: 50 mg/m <sup>3</sup> respirable dust<br>TWA: 0.05 mg/m <sup>3</sup> respirable dust                                                             |

**Appropriate engineering controls**

**Engineering controls**                      Showers  
                                                          Eyewash stations  
                                                          Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**                      No special protective equipment required.

**Hand protection**                              Wear suitable gloves.

**Skin and body protection**                      Wear suitable protective clothing.

**Respiratory protection**                      No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations**                      Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

**Appearance**                                      Liquid  
**Physical state**                                      No information available  
**Color**                                                  light brown  
**Odor**                                                  No data available  
**Odor threshold**                                      No data available

| <u>Property</u>                         | <u>Values</u>   | <u>Remarks • Method</u> |
|-----------------------------------------|-----------------|-------------------------|
| pH                                      | 7.8 - 8.6       | No data available       |
| Melting point / freezing point          | 0 °C / 32 °F    | No data available       |
| Initial boiling point and boiling range | 100 °C / 212 °F | No data available       |
| Flash point                             |                 | No data available       |
| Evaporation rate                        |                 | No data available       |
| Flammability                            |                 | No data available       |
| Flammability Limit in Air               |                 |                         |
| Upper flammability or explosive limits  |                 | No data available       |

|                                        |                          |                   |
|----------------------------------------|--------------------------|-------------------|
| Lower flammability or explosive limits |                          | No data available |
| Vapor pressure                         |                          | No data available |
| Vapor density                          |                          | No data available |
| Relative density                       | 1.29                     | No data available |
| Water solubility                       |                          | No data available |
| Solubility(ies)                        |                          | No data available |
| Partition coefficient                  |                          | No data available |
| Autoignition temperature               |                          | No data available |
| Decomposition temperature              |                          | No data available |
| Kinematic viscosity                    |                          | No data available |
| Dynamic viscosity                      | 160000 cP                | No data available |
| <b>Other information</b>               |                          |                   |
| Explosive properties                   | No information available |                   |
| Oxidizing properties                   | No information available |                   |
| Softening point                        | No information available |                   |
| Molecular weight                       | No information available |                   |
| VOC Content (%)                        | <5 g/L                   |                   |
| Liquid Density                         | No information available |                   |
| Bulk density                           | No information available |                   |

## 10. Stability and reactivity

|                                    |                                           |
|------------------------------------|-------------------------------------------|
| Reactivity                         | None under normal use conditions.         |
| Chemical stability                 | Stable under normal conditions.           |
| Possibility of hazardous reactions | None under normal processing.             |
| Conditions to avoid                | None known based on information supplied. |
| Incompatible materials             | None known based on information supplied. |
| Hazardous decomposition products   | None known based on information supplied. |

## 11. Toxicological information

### Information on likely routes of exposure

#### Product Information

|              |                                                                   |
|--------------|-------------------------------------------------------------------|
| Inhalation   | Specific test data for the substance or mixture is not available. |
| Eye contact  | Specific test data for the substance or mixture is not available. |
| Skin contact | Specific test data for the substance or mixture is not available. |
| Ingestion    | Specific test data for the substance or mixture is not available. |

### Symptoms related to the physical, chemical and toxicological characteristics

|          |                           |
|----------|---------------------------|
| Symptoms | No information available. |
|----------|---------------------------|

### Acute toxicity

#### Numerical measures of toxicity

No information available

The following values are calculated based on chapter 3.1 of the GHS document:

ATEmix (oral) 50,441.20 mg/kg

**Component Information**

| Chemical name                         | Oral LD50            | Dermal LD50             | Inhalation LC50          |
|---------------------------------------|----------------------|-------------------------|--------------------------|
| Kaolin<br>1332-58-7                   | > 5000 mg/kg ( Rat ) | > 5000 mg/kg ( Rat )    | -                        |
| Sodium nitrate<br>7631-99-4           | 3430 mg/kg ( Rat )   | >5000 mg/kg (Rat)       | -                        |
| Titanium dioxide<br>13463-67-7        | > 2000 mg/kg ( Rat ) | -                       | = 5.09 mg/L ( Rat ) 4 h  |
| 4,4-Dimethyloxazolidine<br>51200-87-4 | = 956 mg/kg ( Rat )  | 970-2000 mg/kg (Rabbit) | = 11.66 mg/L ( Rat ) 1 h |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** Contains a known or suspected carcinogen. Classification based on data available for ingredients. This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product. Sodium nitrate is part of a group IARC classification covering nitrates when ingested. This is usually associated with dietary sources.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name                            | ACGIH | IARC     | NTP   | OSHA |
|------------------------------------------|-------|----------|-------|------|
| Sodium nitrate<br>7631-99-4              | -     | Group 2A | -     | X    |
| Titanium dioxide<br>13463-67-7           | -     | Group 2B | -     | X    |
| Silica, crystalline quartz<br>14808-60-7 | A2    | Group 1  | Known | X    |

**Legend**

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Target organ effects** Respiratory system. Gastrointestinal tract (GI).

**Aspiration hazard** No information available.

**Other adverse effects** No information available.

**Interactive effects** No information available.

## 12. Ecological information

### Ecotoxicity

| Chemical name                         | Algae/aquatic plants                     | Fish                                          | Toxicity to microorganisms                     | Crustacea                              |
|---------------------------------------|------------------------------------------|-----------------------------------------------|------------------------------------------------|----------------------------------------|
| Sodium nitrate<br>7631-99-4           | -                                        | LC50: >100 mg/L (96h,<br>Oncorhynchus mykiss) | EC50 >1000 mg/L (180<br>min, Activated sludge) | EC50 8609 mg/L (24h,<br>Daphnia magna) |
| 4,4-Dimethyloxazolidine<br>51200-87-4 | EC50 3.79 mg/L (72h,<br>Selenastrum sp.) | -                                             | -                                              | EC50: 45mg/L (48h,<br>Daphnia magna)   |

**Persistence and degradability** No information available.

**Bioaccumulation** No information available.

### Component Information

| Chemical name               | Partition coefficient |
|-----------------------------|-----------------------|
| Sodium nitrate<br>7631-99-4 | -3.8                  |

**Other adverse effects** No information available.

## 13. Disposal considerations

### Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**US EPA Waste Number** No data available.

**California Hazardous Waste Status** This product contains one or more substances that are listed with the State of California as a hazardous waste.

## 14. Transport information

**DOT** Not regulated

## 15. Regulatory information

### International Inventories

Contact supplier for inventory compliance status

**TSCA** All components are on the U.S. EPA TSCA Inventory List or are not required to be listed on the inventory.

### US Federal Regulations

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains 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.

| Chemical name              | SARA 313 - Threshold Values % |
|----------------------------|-------------------------------|
| Sodium nitrate - 7631-99-4 | 1.0                           |

**SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:.

| Chemical name                           | California Proposition 65 |
|-----------------------------------------|---------------------------|
| Titanium dioxide - 13463-67-7           | Carcinogen                |
| Silica, crystalline quartz - 14808-60-7 | Carcinogen                |

**U.S. State Right-to-Know Regulations**

| Chemical name                                     | New Jersey | Massachusetts | Pennsylvania |
|---------------------------------------------------|------------|---------------|--------------|
| Water<br>7732-18-5                                | -          | -             | X            |
| Kaolin<br>1332-58-7                               | X          | X             | X            |
| Sodium nitrate<br>7631-99-4                       | X          | X             | X            |
| Titanium dioxide<br>13463-67-7                    | X          | X             | X            |
| Silica, crystalline quartz<br>14808-60-7          | X          | X             | X            |
| Carbendazim<br>10605-21-7                         | X          | -             | -            |
| 3-Iodo-2-propynyl<br>butylcarbamate<br>55406-53-6 | X          | -             | -            |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

## 16. Other information

|             |                           |                       |                           |                              |
|-------------|---------------------------|-----------------------|---------------------------|------------------------------|
| <b>NFPA</b> | <b>Health hazards</b> 0   | <b>Flammability</b> 0 | <b>Instability</b> 0      | <b>Special hazards</b> -     |
| <b>HMIS</b> | <b>Health hazards</b> * 1 | <b>Flammability</b> 0 | <b>Physical hazards</b> 0 | <b>Personal protection</b> X |

*Chronic Hazard Star Legend*      \* = Chronic Health Hazard

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |

#### Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
 Organization for Economic Co-operation and Development Screening Information Data Set  
 World Health Organization

**Issuing Date** 22-Sep-2021

**Revision Date** 17-Aug-2021

**Revision Note** Initial Release.

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**