SAFETY DATA SHEET
Commander
42000, 42001, 42003, 42002

Armstrong Manufacturing Inc.

1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Use of Preparation: Absorbent Granules
Company Identification:
Armstrong Manufacturing Inc.
2485 Haines Road
Mississauga, ON
L4Y 1Y7

Company Emergency Telephone Number(s):
Emergency Phone: 866-627-6588
Transportation Emergency Telephone Number(s):
CANUTEC 613-996-6666 or *666 for cell phone

2 HAZARD IDENTIFICATION

GHS Hazards: Specific target organ toxicity, repeated exposure Category 2 H373

Hazard Pictograms:

GHS Label Elements, Including Precautionary Statement

Signal Word: Warning

Hazard Statements: Causes damage to organs through prolonged or repeated exposure.

Precautionary Statements: Do not breathe dust/fume/gas/mist/vapours/spray.

Response: Get medical advice/attention if you feel unwell.

Disposal: Dispose of contents/container according to local, provincial and federal regulations.
FIRST AID MEASURES

Inhalation: Remove to fresh air. If symptoms persist consult physician.

Eye Contact: Remove contacts. Flush with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists get medical attention.

Skin Contact: Flush skin with plenty of water, for at least 15 minutes, while removing contaminated clothing. Call physician immediately. Wash contaminated clothing before reuse.

Ingestion: Immediately call physician. DO NOT induce vomiting. Give several glasses of water. Never give anything by mouth if victim is unconscious or convulsing.

Most Important Symptoms and Effects: no available data

Notes to Physician: Treatment based on judgment of attending physician.

FIRE FIGHTING MEASURES

Suitable extinguishing media: As appropriate for burning of surrounding products

Unsuitable extinguishing media: None known

Special exposure hazards: No data available

Special safety equipment: not applicable

Fire and explosion: Not considered to be a fire or explosive hazard

Further information: None
6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Wear suitable personal protective equipment.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).


For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area.

Environmental Precautions: Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Recover and reuse as much of the product as possible.

Methods for Cleaning Up: same as above

Reference to Other Sections: See Heading 8. Exposure controls and personal protection.

7 HANDLING AND STORAGE

Precautions for safe handling: Wear proper protective equipment. Avoid contact with skin and eyes. Avoid breathing dust.

Information about fire and explosion protection: No special measures required.

Requirements to be met by storerooms and receptacles: Keep container closed in a dry and well-ventilated place.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

Specific end use: No further relevant information available.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Normally not required. Dust mask may be required depending on operation. Mechanical ventilation should be adequate.

Hand protection: Rubber gloves
Eye protection: Safety glasses, or goggles if required by employer.

Skin protection: As required by workplace standards.

Working hygiene: Handle in accordance with good industrial hygiene and safety practices.

Exposure Guidelines: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

PHYSICAL AND CHEMICAL PROPERTIES

- **Physical State:** Powder
- **Appearance:** buff to off white granules
- **Molecular Weight:** No Data Available
- **Odour:** fruity
- **Odour Threshold:** No Data Available
- **pH:** not applicable
- **Melting Point:** No Data Available
- **Boiling Point:** No Data Available
- **Flash Point:** No Data Available
- **Evaporation Rate (BuAc=1):** No Data Available
- **Flammable Limits in Air:** No Data Available
- **Upper Flammability Limit:** No Data Available
- **Lower Flammability Limit:** No Data Available
- **Vapour Density (Air=1):** No Data Available
- **Vapour Pressure:** No Data Available
- **Specific Gravity:** No Data Available
- **Solubility in Water:** No Data Available
- **Log Pow (calculated):** No Data Available
- **Autoignition Temperature:** No Data Available
- **Decomposition Temperature:** No Data Available
- **Viscosity:** No Data Available
- **Solubility in other Solvents:** No Data Available
- **Partition Coefficient:** No Data Available
- **n-octanol / Water:** No Data Available
- **Kinematic Viscosity:** No Data Available
- **Dynamic Viscosity:** No Data Available
- **Explosive Properties:** No Data Available
- **Percent Volatile by Volume:** No Data Available

STABILITY AND REACTIVITY

- **Reactivity:** Normally stable.
- **Chemical stability:** Stable under recommended storage conditions
- **Thermal decomposition conditions to avoid:** not known
- **Possibility of hazardous reactions:** not known
Conditions to avoid: None Known. Keeps containers tightly closed when not in use

Hazardous decomposition products: no data available

Materials to avoid: Strong acids and reactive metals.

Hazardous polymerization: Will not occur

TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: see below

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

Symptoms: No data available

Sensitization: No data available

Mutagenic Effects: No data available

Carcinogenicity: No ingredient listed by IARC, ACGIH, NTP, and OSHA as carcinogens.

Reproductive Toxicity: No data available

STOT single exposure: No data available

STOT repeated exposure: No data available

Chronic Toxicity: No data available

Target Organ Effects: No data available

Aspiration hazard: No data available

ECOLOGICAL INFORMATION

Toxicity: No data available for product.

Persistence and Degradability: No Data Available

Bioaccumulative Potential: No Data Available

Mobility in Soil: No Data Available

Other Information: No Data Available

Aquatic Toxicity: No Data Available
Toxicity to algae, fish, invertebrates: No Data Available
Biodegradation: No Data Available

13 DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.


Empty Containers: Reuse if possible or triple rinse and dispose according to local, provincial, state and federal regulations.

14 TRANSPORTATION INFORMATION

<table>
<thead>
<tr>
<th>Department</th>
<th>Proper Shipping Name</th>
<th>Contains</th>
<th>Hazard Class</th>
<th>UN#</th>
<th>Packing Group</th>
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<td>Not Regulated</td>
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</tbody>
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Please note: This shipping description is of a general nature only. It does not consider package sizes, modes of transport and other specific circumstances. Appropriate regulations should be referenced, and handling for transportation of dangerous goods/hazardous materials should be performed by trained personnel only.

15 REGULATION

OSHA/WHMIS 2015 Classification: causes damage to organs through prolonged or repeated exposure

California PROP 65: no ingredients listed

Cdn Domestic Substance List (DSL): All Ingredients Listed

HMIS III Rating
Health:
Flammability:
Physical:
Personal Protection:

16 OTHER INFORMATION

Prepared by:
Armstrong Manufacturing Inc.
2485 Haines Road
Mississauga, ON
Disclaimer:
The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet