

SAFETY DATA SHEET

Rapi-Zorb 2000

42871



Armstrong Manufacturing Inc.

1

IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Use of Preparation: Absorbent Powder

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: Combustible Dust No HCode
Skin corrosion/irritation Category 3 H316
Serious eye damage/eye irritation Category 2B H320

Hazard Pictograms : None

GHS Label Elements, Including Precautionary Statement

Signal Word: Warning

Hazard

Statements: May form combustible dust concentrations in air. Causes mild skin irritation. Causes eye irritation.

Precautionary

Statements: Wash thoroughly after handling.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SKIN irritation occurs: Get medical advice/attention. IF eye irritation persists: Get medical advice/attention.

3

COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend



Ingredient Name	CAS#	Classification	% by Wt
Proprietary Acrylic Polymer	trade secret	Combustible Dust	60-80
Sodium Dichloroisocyanurate Dihydrate	51580-86-0	Skin corrosion/irritation Category 1A H314 Serious eye damage/eye irritation Category 1 H318 Acute toxicity, inhalation Category 1, 2 H330 Acute toxicity, oral Category 4 H302 STOT, single exposure; Respiratory tract irritation Category 3 H335	0.5-1

4 FIRST AID MEASURES

Inhalation:	Remove victim to fresh air. If symptoms persist, call a 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 rinse mouth. Do not induce vomiting and seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.
Most Important Symptoms and Effects:	no available data
Notes to Physician:	Treatment based on judgment of attending physician.

5 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).
Emergency Procedures:	Evacuate unnecessary personnel.

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 dust creation.
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.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Appearance:	white powder, dry and free flowing
Molecular Weight:	No Data Available
Odour:	chlorine
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:	Insoluble
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: 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

10 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:	Oxides of Carbon
Materials to avoid:	Acids
Hazardous polymerization:	Will not occur



11

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. Assessment of carcinogenicity: A chronic (2 year) lifetime inhalation study in rats with respirable superabsorber polymer dust (micronized to <10 micrometer diameter) resulted in a non-specific inflammatory response in the lungs followed by tumor development in some rats in the highest chronic exposure level of 0.8 mg/m³. In the absence of chronic inflammation, tumours are not expected.

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

Listed Ingredients:

Proprietary Acrylic Polymer	LD50 (dermal) >2000 mg/kg Rat LD50 (oral) >2000 mg/kg Rat
Sodium Dichloroisocyanurate Dihydrate	LD50 (oral) 1823 mg/kg Rat LD50 (dermal) >2000 mg/kg Rabbit LC50 (inhalation) 0.27-1.17 mg/L (4 hr Rat)

12

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.
Ecology – Waste Materials:	Avoid release to the environment.
Empty Containers:	Reuse if possible or triple rinse and dispose according to local, provincial, state and federal regulations

14 TRANSPORTATION INFORMATION

Department	Proper Shipping Name	Contains	Hazard Class	UN#	Packing Group
Canadian TDG (Road & Rail)	Not Regulated				

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:	Combustible Dust
California PROP 65:	no ingredients listed
Cdn Domestic Substance List (DSL):	All Ingredients Listed

HMIS III Rating

Health:
Flammability:
Physical:
Personal Protection:

Prepared by:

Armstrong Manufacturing Inc.
2485 Haines Road
Mississauga, ON
L4Y 1Y7
905-566-1395

Issuing Date	Version#	Reason for Revision
Jul 25, 2016	1	

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