

RAM BOARD®

HEAVY-DUTY FLOOR PROTECTION



RAM BOARD

SECTION 1: IDENTIFICATION

Product Identifier: Ram Board®, Ram Board Plus®, Home Edition®, Painter's Board Heavy-Duty Floor Protection

Company Identification: Ram Board,® Inc.
Tinley Park, IL, 60487
855-848-8678

Emergency Number: 911

Recommended Use: Surface Protection

SECTION 2: HAZARD IDENTIFICATION

Classification of The Substance or Mixture: This product as sold is NOT considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, downstream processing, such as slitting, skiving, grinding, etc., can generate combustible cellulose dust. May form combustible dust concentrations in air.

GHS Label elements, including precautionary statements

Emergency Overview: May form combustible dust concentrations in air.

Appearance: Brown

Physical State: Paper Solid

Odor: None

Precautionary Statements - Prevention: Obtain special instructions before use.

Unknown Toxicity: 106% of the mixture consists of ingredient(s) of unknown toxicity.

Other Information: May cause slight eye irritation.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Maize Starch	9005-25-8	3 - 7	*
Calcium Carbonate	471-34-1	1 - 5	*

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

SECTION 4: FIRST-AID MEASURES

Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin Contact: Wash with soap and water.

Inhalation: Remove to fresh air.

SECTION 4: FIRST-AID MEASURES CONT.

Ingestion: Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

Notes to Physician: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use water, dry chemical, carbon dioxide, or foam as appropriate for surrounding fire.

Unsuitable Extinguishing Media: None

Specific hazards arising from the chemical: Avoid generation of dust. Fine dust dispersed in air may ignite.

Uniform Fire Code: COMBUSTIBLE DUST/POWDER

Hazardous Combustion Products: Carbon oxides

Explosion Data

Sensitivity to Mechanical Impact: No

Sensitivity to Static Discharge: Yes (Dust)

Protective equipment and precautions for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment And Emergency Procedures

Personal Precautions: Avoid contact with eyes. Ensure adequate ventilation. Avoid generation of dust. Use personal protective equipment as required. Do not breathe dust. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges.

Other Information: Refer to protective measures listed in Sections 7 and 8.

Environmental Precautions

Environmental Precautions: 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. Prevent dust cloud.

Methods for Cleaning Up: Take up with inert, damp, non-combustible material using clean non-sparking tools and place into loosely covered plastic containers for later disposal.

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SECTION 7: HANDLING & STORAGE

Precautions for Safe Handling

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Ensure adequate ventilation. Avoid generation of dust. Do not breathe dust. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use spark-proof tools and explosion-proof equipment. Take precautionary measures against static discharges.

Conditions for Safe Storage, Including Any Incompatibilities

Storage: Store in a dry, cool and well-ventilated place away from open flame and other sources of ignition.

Incompatible Products: Strong mineral acids, strong oxidizers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Maize Starch 9005-25-8	TWA:	TWA: 15 mg/m3 total dust	TWA: 10 mg/m3 total dust
	10 mg/m3	TWA: 5 mg/m3 respirable fraction (vacated) TWA: 15 mg/m3 total dust (vacated) TWA: 5 mg/m3 respirable fraction	TWA: 5 mg/m3 respirable dust
Calcium Carbonate 471-34-1	-	TWA: 15 mg/m3 TWA: 5 mg/m3 (vacated) TWA: 15 mg/m3 (vacated) TWA: 5 mg/m3	TWA: 5 mg/m3 respirable dust TWA: 10 mg/m3 total dust

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health.

Other Exposure Guidelines: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION CONT.

Appropriate Engineering Controls

Engineering Measures: Showers
Eyewash stations
Ventilation systems

Individual Protection Measures, Such As Personal Protective Equipment

Eye/face Protection: Wear safety glasses with side shields (or goggles).

Skin and Body Protection: No special protective equipment required.

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.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State: Paper, Solid
Appearance: Brown
Color: N/A
Odor: None
Odor Threshold: N/A

Property	Values	Remarks
pH	6-9	None Known
Melting / Freezing Point	N/A	None Known
Boiling Point / Range	N/A	None Known
Flash Point	662°F (350°C)	None Known
Evaporation Rate	N/A	None Known
Flammability (solid, gas)	N/A	None Known
Flammability Limit in Air		
- Upper Flammability Limit	N/A	None Known
- Lower Flammability Limit	Dust – 30,000 mg/m3	None Known
Vapor Pressure	N/A	None Known
Vapor Density	N/A	None Known
Specific Gravity	N/A	None Known
Water Solubility	Insoluble	None Known
Solubility in Other Solvents	N/A	None Known
Partition Coefficient: n-octanol/water	N/A	None Known
Autoignition Temperature	N/A	None Known
Decomposition Temperature	N/A	None Known
Kinematic Viscosity	N/A	None Known
Dynamic Viscosity	N/A	None Known
Explosive Properties	N/A	
Oxidizing Properties	N/A	

Other Information

Softening Point: N/A
VOC Content (%): N/A
Particle Size: N/A
Particle Size Distribution: N/A

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SECTION 10: STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Hazardous Polymerization:	Hazardous polymerization does not occur.
Conditions to Avoid:	Excessive heat. Heating in air. Dust formation.
Incompatible Materials:	Strong mineral acids, strong oxidizers.
Hazardous Decomposition Products:	Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Information On Likely Routes Of Exposure

Inhalation:	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
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.

Component Information

Chemical Name	Oral LD50	Dermal LD50	
Calcium Carbonate 471-34-1	= 6450mg/kg (Rat)	-	Inhalation LC50

Delayed And Immediate Effects As Well As Chronic Effects From Short And Long-Term Exposure

Sensitization:	N/A
Mutagenic Effects:	N/A
Carcinogenicity:	Contains no ingredient listed as a carcinogen.
Reproductive Toxicity:	N/A
STOT - Single Exposure:	N/A
STOT - Repeated Exposure:	N/A
- Chronic Toxicity:	No known effect based on information supplied.
- Target Organ Effects:	Eyes. Respiratory system. Skin.
Aspiration Hazard:	N/A

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	The environmental impact of this product has not been fully investigated.
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SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal Methods:	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
Contaminated Packaging:	Dispose of contents/containers in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

DOT / TDG / MEX / ICAO / IATA / Not Regulated.
IMDG/IMO / RID / ADR / ADN:

SECTION 15: REGULATORY INFORMATION

International Inventories

TSCA:	Complies
DSL:	All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313:	Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372
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SARA 311/312 Hazard Categories:

- Acute Health Hazard:	No
- Chronic Health Hazard:	No
- Fire Hazard:	Yes
- Sudden release of pressure hazard:	No
- Reactive Hazard:	No

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.

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SECTION 15: REGULATORY INFORMATION CONT.

US State Regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	NJ	MA	PA	RI	IL
Maize Starch 9005-25-8		X	X		
Calcium Carbonate 471-34-1	X	X	X		
Kaolin 1332-58-7	X	X	X		

International Regulations

Mexico

National Occupational Exposure Limits:

Component	Carcinogen Status	Exposure Limits
Calcium Carbonate 471-34-1 (1 - 5)		Mexico: TWA 10 mg/m3 Mexico: STEL 20 mg/m3

Mexico - Occupational Exposure Limits - Carcinogens

Canada

WHMIS Hazard Class: Not determined

SECTION 16: ROTHER INFORMATION

NFPA

Health Hazards:	1
Flammability:	1
Instability:	0
Physical and Chemical Hazards:	-

HMIS

Health Hazards:	1
Flammability:	1
Physical Hazard:	0
Personal Protection:	X

Latest Revision: 05/07/2021

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