

Section 1. Identification of The Material And Supplier

Product Name:
Readymix Compound

Manufacturer:
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Section 2. Hazard Identification

Caution! Contact with eyes may cause eye irritation. If inhaled dust which result from sanding dry product, may cause respiratory tract irritation.

UN Hazard Class None
Target Organs Eye, skin, respiratory tract, digestive tract.

Potential Health Effects:

Eye Contact may cause eye irritation, lacrimation, redness, and pain.
Skin Prolonged and/or repeated contact may cause skin irritation, itching and possible skin rash.
Ingestion Ingestion of this material is unlikely. Ingestion of large amounts may cause gastrointestinal irritation with nausea, vomiting and diarrhea.
Inhalation An inhalation hazard is not anticipated under normal conditions. If inhaled dust which result from sanding dry product, may cause respiratory tract irritation.

Section 3. Composition/Information on Ingredients

Chemical Name	Molecular Formula	Percent (by weight)	CAS No.	EC#
Calcium Carbonate	CaCO ₃	40 - 70%	471-34-1	207-439-9
Talc	H ₂ O ₃ Si ₃ /4Mg	< 8%	14807-96-6	238-877-9
Polyvinyl Alcohol	(C ₂ H ₄ O) _x	< 2%	9002-89-5	Unlisted
Cellulose Ether	N/A	< 2%	N/A	N/A
Defoamer	N/A	< 2%	N/A	N/A
Attapulgate	Al.Fe.4H ₂ O.HO .Mg.O5Si2	< 5%	12174-11-7	Unlisted
Mica	N/A	< 10%	12001-26-2	Unlisted
Polyvinyl Acetate	(C ₄ H ₆ O ₂) _x	< 5%	9003-20-7	Unlisted
Preservative	N/A	< 0.5%	N/A	N/A
Water	H ₂ O	< 40%	7732-18-5	231-791-2
Expanded Perlite	N/A	< 10%	93763-70-3	Unlisted

Section 4. First Aid Measure

Eye In case of contact, immediately flush eyes with water for at least 15 minutes, occasionally

lifting the upper and lower eyelids. Check for and remove any contact lenses if easily possible. Get medical aid if symptoms occur.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Skin If a reaction with skin contact occurs, remove the contaminated clothing. Wash the affected area with soap and water. Get medical aid if symptoms occur. Wash clothing before reuse.

Ingestion If swallowed, induce vomiting under the guidance of professional doctors. If the injured is fully conscious: wash mouth out with water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Advice to Doctor The manufacturer recommends treating the patient symptomatically.

Section 5. Fire Fighting Measures

General Information The product is not combustible. During a fire, irritating and toxic gases may be generated by thermal decomposition. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Specific Extinguishing Methods Approach fire from upwind to avoid hazardous vapors and toxic decomposition products. Prevent run off from fire control dilution from entering streams or drinking water supply.

Section 6. Accidental Release Measures

Safety personal precautions: Wash the part of the body in contact with clear water.

Environmental safety precautions: Do not throw away in the sewerage system.

Cleaning methods: Contain and control the leaks with non-combustible absorbent materials (sand, earth, vermiculite), pick up mechanically and eliminate according to the regulations.

Section 7. Handling & Storage

Storage Keep container closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store in a cool, dry, well-ventilated area away from incompatible substances (see section 10), any sources of ignition or heat (e.g. open flames, direct sunlight, smoking, hot surfaces), food, drink and foodstuffs. Inspect regularly for deficiencies such as damage or leaks. Treat carefully,

avoid physical damage to containers. The storage area should be equipped with the corresponding species and quantity of fire equipment and leakage emergency equipment.

Handling

Training should be provided to anyone working with or near this material. Training should cover potential health effects and proper handling techniques. Ensure good local exhaust ventilation. Handle and open container with care. Keep container closed and away from incompatible substances (see section 10), any sources of ignition or heat (e.g. open flames, direct sunlight, smoking, hot surfaces), food, drink and foodstuffs. Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation. Remove contaminated clothing and shoes.

Wash clothing and shoes thoroughly before reuse. Empty containers retain product residue. The work area should be equipped with the corresponding species and quantity of fire equipment and leakage emergency equipment.

Section 8. Exposure Controls/Personal Protection

Exposure Limit:

Composition: CAS# 471-34-1

- TLV-TWA 10 mg/m³ (ACGIH, total)
- PEL-TWA 15 mg/m³ (OSHA, total)
- PEL-TWA 5 mg/m³ (OSHA, respirable fraction)
- REL-TWA 15 mg/m³ (NIOSH, total)
- REL-TWA 5 mg/m³ (NIOSH, respirable fraction)

Composition: CAS# 14807-96-6

- TLV-TWA 2 mg m³(ACGIH, respirable dust)
- REL-TWA 2 mg/m³ (NIOSH, respirable dust)

Composition: CAS# 9002-89-5

- No date available.

Composition: CAS# 7732-18-5

- No date available.

Composition: CAS# 12001-26-2

- TLV-TWA 3 mg/m³ (ACGIH, respirable fraction)
- REL-TWA 3 mg/m³ (NIOSH, respirable fraction)
- PEL-TWA 20 million particles per cubic foot (OSHA, respirable dust)

Composition: CAS# 12174-11-7

- No date available.

Composition: CAS# 93763-70-3

- PEL-TWA 15 mg/m³ (OSHA, total)
- PEL-TWA 5 mg/m³ (OSHA, respirable fraction)
- REL-TWA 10 mg/m³ (NIOSH, total)
- REL-TWA 5 mg/m³ (NIOSH, respirable fraction)

Composition: CAS# 9003-20-7

- No date available.

Monitoring Method:

No information Found

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Personal Protective Equipment:

Eye	Dust service goggles should be worn to prevent mechanical injury or other irritation to eyes due to airborne particles which result from sanding dry product.
Skin & Clothing	Appropriate protective clothing and gloves is recommended.
Respirators	An appropriate respirator or mask should be used whenever workplace conditions warrant a respirator's use. A full face positive pressure supplied-air respirator or a self contained breathing apparatus should be used when fire.
Other Protection	To maintain good health habits. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands thoroughly after handling products, and before eating.

Section 9. Physical & Chemical Properties

Appearance	OFF-WHITE/BEIGE LIQUID (PASTY)
Odour	LIGHT CHARACTERISTIC
pH	N/A
Boiling Point	N/A
Solubility	WATER SOLUBLE
Specific Gravity	1.75 KG/L ± 0.1
Flammability	The preliminary screening test for readily combustible solids is conducted in accordance with the regulation (Recommendations on the transport of dangerous goods manual of tests and criteria), so the product dose not belongs to flammability solid.

Section 10. Stability And Reactivity

Chemical Stability	Stable under normal storage and handling conditions.
Conditions to Avoid	Incompatible materials, excessive heat or flame.
Incompatible with Other Materials	Acids, fluorine, ammonium salts and aluminium.
Hazardous Decomposition Products	Decomposition will not occur if handled and stored properly. In case of a fire, irritating and toxic gases may be generated by thermal decomposition.
Hazardous Polymerization	Will not occur

Section 11. Toxicological Information

Toxicological Information:

Composition: CAS# 471-34-1

- RTECS# FF9335000
- LD50: 6450 mg/kg (Oral, rat)

Composition: CAS# 14807-96-6

- RTECS# WW2710000

Composition: CAS# 9002-89-5

- RTECS# TR8100000; TR8101000
- LD50: > 20 g/kg (Oral, rat)
- LD50: 14700 mg/kg (Oral, mouse)
- LD50: > 4000 mg/kg (Oral, mouse)
- LD50: 14270 mg/kg (Oral, mouse)
- LD50: 23854 mg/kg (Oral, rat)

Composition: CAS# 7732-18-5

- RTECS# ZC0110000
- LD50: > 90 ml/kg (Oral, rat)

Composition: CAS# 12001-26-2

RTECS# VV8760000

Composition: CAS# 12174-11-7

- RTECS# RT6400000

Composition: CAS# 93763-70-3

- RTECS# SD5254000
- LD50: 12960 mg/kg (Oral, mouse)

Composition: CAS# 9003-20-7

- RTECS# AK0920000
- LD50: > 25 g/kg (Oral, rat)

Carcinogenicity:

Composition: CAS# 471-34-1

- Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Composition: CAS# 14807-96-6

- ACGIH: A4-Not classifiable as a human carcinogen.
- IARC: Group 3-Not classifiable as to carcinogenicity to humans.
- Not listed as a carcinogen by NTP, or CA Prop 65.

Composition: CAS# 9002-89-5

- IARC: Group 3-Not classifiable as to carcinogenicity to humans.
- Not listed as a carcinogen by ACGIH, NTP, or CA Prop 65.

Composition: CAS# 7732-18-5

- Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Composition: CAS# 12001-26-2

- Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Composition: CAS# 12174-11-7

- IARC: Group 2B-Possibly carcinogenic to humans. Listed as Palygorskite (attapulgate) (long fibres, > 5µm).
- IARC: Group 3-Not classifiable as to carcinogenicity to humans. Listed as Palygorskite (attapulgate)(short fibres, < 5µm).
- CA Prop 65: Carcinogen; initial date 10/28/99; Listed as Palygorskite fibers (> 5 µm in length).
- Not listed as a carcinogen by ACGIH or NTP.

Composition: CAS# 93763-70-3

- Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Composition: CAS# 9003-20-7

- IARC: Group 3-Not classifiable as to carcinogenicity to humans.
- Not listed as a carcinogen by ACGIH, NTP, or CA Prop 65.

Sensitization Rate:

Composition: CAS# 471-34-1

- Draize test, rabbit, eye: 750 µg/24H Severe.
- Draize test, rabbit, skin: 500 mg/24H Moderate.

Teratogenicity:

Not available

Section 12. Ecological Information

General Information: Do not throw away in the sewage system. No information is available about this kind of product but according to our experience, it does not present risk for environment if it is used and disposed of as recommended.

Section 13. Disposal Consideration

The generation of waste should be avoided or minimized wherever possible. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Disposal should be in accordance with applicable regional, national and local laws and regulations. Contaminated packaging material should be treated equivalent to residual chemical. Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation. Refer to Section 7 and Section 8 for additional handling information and protection of employees.

Section 14. Transport Information

Not classified as hazardous for transport.

Section 15. Regulatory Information

Regulatory Information: Reference to the local, national, US, EU, CA and international regulations.☐

CAS No.	TSCA	Canada	OSHA	California Prop 65
471-34-1	Listed	Listed in DSL	Unlisted	Unlisted
14807-96-6	Listed	Listed in DSL	Listed	Unlisted
9002-89-5	Listed	Listed in DSL	Unlisted	Unlisted
7732-18-5	Listed	Listed in DSL	Unlisted	Unlisted
12001-26-2	Listed	Listed in DSL	Listed	Unlisted
12174-11-7	Listed	Unlisted	Unlisted	Listed
93763-70-3	Listed	Listed in DSL	Listed	Unlisted
9003-20-7	Listed	Listed in DSL	Unlisted	Unlisted

European Labeling in Accordance with EC Directives:

Hazard Symbol	None
Risk Description	None
Safety Description	None

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of 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.

Other information:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
DSL	The Domestic Substances List of Canada
EC	European Commission
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IECSC	Inventory of Existing Chemical Substances in China
IMDG	International Maritime Dangerous Goods
LC50	Lethal concentration, 50 percent kill
LD50	Lethal dose, 50 percent kill
NDSL	Non-domestic Substances List of Canada
NIOSH	US National Institute for Occupational Safety and Health
NTP	US National Toxicology Program
OSHA	US Occupational Safety and Health
PEL	Permissible Exposure Level
RCRA	Resource Conservation and Recovery Act
REL	Recommended Exposure Limit
RTECS	Registry of Toxic Effects of Chemical Substances
STEL	Short Term Exposure Limit
TDG	Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations
TSCA	Toxic Substances Control Act of USA
TWA	Time Weighted Average
TLV	Threshold Limit Value