

SECTION 7: HANDLING AND STORAGE

SECTION 1: PRODUCT IDENTIFICATION

1.1 ID

: KNAUF COMPOUNDS-
 : READY FINISH, READY
 PLUS,READYMAS Ready Mix
 PUTTY FOR DRYWALL JOINTS

1.2

Relevant Product Uses Use and applications:

Ready-to-apply compound for coating gypsum joints and gypsum board sheets

1.3 Provider information

KNAUF DE COLOMBIA SAS

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the Substance

Drywall Joint Putty



DANGER

H315 - Causes skin irritation.
 H318 - Causes eye damage.
 H317 - May cause an allergic skin reaction. H335 - May irritate the respiratory tract.

P102 - Keep out of the reach of children.

P261 - Avoid breathing dust / fumes / gases / mists / vapors / spray.

P264 - Wash face, hands or any part of the body that has come into contact with the product carefully after handling

P270 - Do not eat, drink or smoke while handling this product.

P271 - Use only outdoors or in a well-ventilated area.

P302 - In case of contact with skin, wash with plenty of water. P305 -

In case of contact with the eyes, rinse with plenty of water. P332 +

P313 - In case of skin irritation: consult a doctor. P337 + P313 - If eye irritation persists: consult a doctor.

2.2 GHS classification

Skin irritation (Category 2). Serious

eye damage (Category 1). Skin

sensitization (Category 1).

Specific target organ toxicity - single exposure (Category 3).

2.3 Generalities

Dry sanding of this product creates dust. Prolonged exposure to this dust can cause irritation to the eyes, skin, nose, throat, and upper respiratory tract. Minor amounts of vinyl acetate fumes are released from these products and can accumulate on the packaging. When the package is opened, the trapped vapors escape and dissipate rapidly. This tends to occur more frequently with products packed in kegs.

2.4 Potential acute effects of product exposure

Eyes: Dust can cause mechanical irritation to the eyes. If symptoms of burning, redness, itching or pain occur contact a physician.

Skin: Direct contact may cause skin irritation, breakout, or dryness. Rubbing can identify symptoms and create abrasions.

Ingestion: Unknown

Inhalation: Sanding or spraying dust can irritate the eyes, nose, throat, and upper respiratory tract. Excessive inhalation can cause respiratory problems. If symptoms persist, see a doctor.

2.5 Potential chronic effects of exposure to the product

Eyes: Unknown

Skin: Unknown

Ingestion: Unknown

Inhalation: This product may contain small amounts of vinyl acetate monomer, the vapors of which can cause tumors in the respiratory tract of test animals, at very high levels for life. Chronic Effects: Overexposure is not expected to occur during normal use of this product. Tumors have not been observed in animals exposed to 50 ppm or below the threshold limit (TLV).

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Identification CAS No	PEL	TLV	WT
		mg / m ³	mg / m ³	%
Water	n / a	N / a	N7D	> 20
Calcium carbonate	1317 - 65 - 3	15/5 (R)	10	> 45
Cellulose	N7D	N / A	N7d	<2
Vinyl Acetate Polymer	24937 - 78 - 8	N / E	N / E	<5
Mica	12001 - 26 - 2	20 MMPCF	3 (R)	<7
Attapulgate	12174 - 11 - 7	N / E	N / E	<5
CMIT / MIT	n / a	n / a	n / a	<0.5
Polyvinyl alcohol	n / a	n / a	n / a	<0.5

* as an occasional constituent

(R) Breathable

(NE) Not

Established

Crystalline Silica - The International Agency for Research on Cancer (IARC) classifies inhaled crystalline silica in the form of quartz or cristobalite from occupational sources as carcinogenic to humans, Group 1. Silica is classified by the National Toxicology Program (NTP) respirable crystalline as a substance that may tend to be carcinogenic. OSHA does not regulate crystalline silica as a carcinogen. Open

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SECTION 4: FIRST AID

4.1 Description of First Aid

Eye contact:

Immediately wash with water for 15 minutes and seek medical attention to avoid long-lasting effects.

Ingestion:

No effect is expected. Seek medical attention if medical problems develop. Skin

contact:

Remove clothing from affected area. Rinse skin with water, then wash with soap and water. If outbreak occurs, discontinue use and visit a doctor. Wash clothes before reuse.

Inhalation:

Remove from area of dust exposure to ventilated area until symptoms subside. If necessary, seek medical attention.

Target organs:

Remove from area of dust exposure to ventilated area until symptoms subside. If necessary, seek medical attention.

Medical conditions that may be aggravated:

Pre-existing diseases in the upper respiratory tract and lungs such as, but not exclusively, bronchitis, emphysema and asthma.

SECTION 5: FIRE EXTINGUISHING MEASURES

5.1 Caution:

Flash Point: Not applicable. Semi-liquid, not combustible

Extinguishing Media: Not applicable

Flammable Limits: Not applicable

Special Fire Fighting Procedures: Not applicable

Unusual Fire and Explosion Hazards: Not applicable

Special Fire Protection Elements: Not applicable

Hazardous combustion products: Above 800° C limestone can decompose into calcium oxide (CaO) and carbon dioxide (CO₂). At temperatures above 175° C, polyvinyl can decompose into H₂O, CO₂, CO, and acetic acid, and can produce vinyl acetate monomers. Above 1450° C it decomposes into calcium oxide (CaO) and sulfur dioxide (SO₂).

5.2 Protection for Firefighters:

In case of fire and / or explosion do not breathe the fumes. A self contained breathing apparatus should be used to avoid any inhalation of the product. Wear suitable protective clothing.

SECTION 6: RELEASE MEASURES

6.1 Spills and Leaks

Spill Procedure: Slippery when wet, stool bag, flush area with water. Landfill: In accordance with state and local regulations.

SECTION 7: HANDLING AND STORAGE

7.1 Safe Handling Precautions

Protection measures: Keep out of reach of children. Keep in a dry place, not exposed to direct sunlight. Rotate inventory every 90 days. Do not mix with other products. Do not reuse empty containers, dispose of them in accordance with state and local regulations.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control Parameters

Exposure Guidelines: Exposure limits are explained in Section 2 of this document

Engineering Controls: Provide an adequate room and general ventilation for encouragement to minimize dust and keep exposure below threshold limit levels (TLV). Perform wet sanding when possible. See "Wet Sanding for Decorative and Finishing Gypsum Boards".

8.2 Exposure Controls

Eyes and face: Wear safety glasses for dust protection that meet OSHA standards for personal protective equipment 29 CFR 1910.132 and 133 for eye and face protection.

Skin: Wear protective gloves to prevent dryness and itching that meet OSHA standards 29 CFR 1910.132 (general) and 138 (hand protection).

Respiratory tract: Wear NIOSH approved respirators for dry sanding and spraying of material. Since working conditions vary, different respirators should be selected and used under the direction of a health and safety professional in accordance with the requirements of the OSHA standard (29 CFR 1910.134) and the ANSI standard for respiratory protection (Z88.2).

SECTION 9: PHYSICAL-CHEMICAL PROPERTIES

9.1 Basic Physical Chemical Properties

Appearance: Whitish semi-liquid
Smell: Mild Acetate Smell
Physical State: Semi-liquid
PH: 8.0 - 8.5
Vapor pressure: Does not apply
Vapor density: Does not apply
Boiling point: 100 degrees Celsius
Melting point: Does not apply
Solubility: 1.5 - 2.0
Specific Gravity: 1.3 - 2.5
Volatile organic compound (VOC) content: <2 g / l

SECTION 10: STABILITY AND REACTIVITY

10.1 Chemical Stability:	Stable.
10.2 Dangerous Reactions:	None known.
10.3 Conditions to Avoid:	Contact with strong acids.
10.4 Incompatibility:	Strong acids

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Toxicological Effects

Crystalline Silica: The International Agency for Research on Cancer (IARC) notes that inhaled silica in the form of quartz or cristobalite from occupational sources is carcinogenic in humans (Group 1). IARC noted that human carcinogenesis was not detected in all studies of industrial circumstances.

Prolonged exposure to respirable crystalline silica has been recognized to cause silicosis. The risk of contracting silicosis is multiplied by the amount of respirable silica and the length of time during which it is exposed. Certain people may be more susceptible than others.

SECTION 12: ECOLOGICAL INFORMATION

Environmental Destination:	No known effects
Aquatic Toxicity:	No known effects
Environmental Toxicity:	No known effects.

SECTION 13: WASTE DISPOSAL

13.1 Disposal Methods

Disposal in accordance with local legislation. Contaminated packaging must be cleaned before it can be recycled.

13.2 Disposal Instruction

Inert solid waste must be taken to a landfill. Disposal of waste material must be done under state disposal regulations. If processing, use, or contamination alters the material, the waste must be tested using the methods outlined in state regulation to determine if the definition of hazardous waste applies.

SECTION 14: TRANSPORTATION

14.1 UN number

Not regulated.

This material is not a dangerous transport material

14.2 Pictogram



DANGER

SECTION 15: ADDITIONAL INFORMATION

Health:	Always use Personal Protection Elements, avoid inhalation of particulate material or direct contact with the product.
Inflammability:	Keep stored at room temperature, under shade, do not allow direct exposure to sunlight for long periods.

SECTION 16: OTHER INFORMATION

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