

# Safety Data Sheet

Product Identifier: Manus Bond 64-A MBG

SDS ID: MAN-009

## \*\*\*Section 1 - IDENTIFICATION\*\*\*

### Product Identifier:

Manus Bond 64-A MBG

### Recommended Use

adhesives / sealant

### Restrictions on Use

None known.

### Manufacturer Information

Manus Products, Inc.  
866 Industrial Blvd. West  
Waconia, MN 55387

Phone: (952) 442-3323

Emergency # (800) 424-9300

## \*\*\*Section 2 - HAZARD(S) IDENTIFICATION\*\*\*

### Classification in accordance with 29 CFR 1910.1200.

No classification is assigned, based on classification criteria. Review the entire data sheet for any additional information which did not result in a GHS classification.

### GHS LABEL ELEMENTS

#### Symbol(s)

None

#### Signal Word

None

#### Hazard Statement(s)

None needed according to classification criteria.

#### Precautionary Statement(s)

#### Prevention

None needed according to classification criteria.

#### Response

None needed according to classification criteria.

#### Storage

None needed according to classification criteria.

#### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

## \*\*\*Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS\*\*\*

CAS	Component	Percent
1317-65-3	Calcium Carbonate	40-50
14807-96-6	Talc	18-22

## \*\*\*Section 4 - FIRST-AID MEASURES\*\*\*

### Description of Necessary Measures

#### Inhalation

Not a likely route of exposure. It is unlikely that emergency treatment will be required.

#### Skin Contact

Wash with plenty of soap and water. Get medical attention if irritation develops or persists.

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## Eye Contact

Flush eyes with plenty of water. If eye irritation persists: Get medical advice/attention.

## Ingestion

If a large amount is swallowed, get immediate medical attention.

## Most Important Symptoms/Effects

### Acute

skin irritation dermatitis eye irritation

### Delayed

No information on significant adverse effects.

## Indication of Immediate Medical Attention and Special Treatment Needed, If Needed

Treat symptomatically and supportively.

## \*\*\*Section 5 - FIRE-FIGHTING MEASURES\*\*\*

### Suitable Extinguishing Media

Use carbon dioxide, regular dry chemical, regular foam or water.

### Unsuitable Extinguishing Media

None known.

### Special Hazards Arising from the Chemical

### Hazardous Combustion Products

**Combustion:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

### Special Protective Equipment and Precautions for Firefighters

May burn, but does not ignite readily.

### Fire Fighting Measures

Move material from fire area if it can be done without risk. Cool containers with water. Avoid inhalation of vapors or combustion by-products.

### Protective Equipment and Precautions for Firefighters

Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products.

## \*\*\*Section 6 - ACCIDENTAL RELEASE MEASURES\*\*\*

### Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

### Methods and Materials for Containment and Cleaning Up

Collect spilled material in appropriate container for disposal.

## \*\*\*Section 7 - HANDLING AND STORAGE\*\*\*

### Precautions for Safe Handling

Avoid contact with skin and eyes. Wear personal protective clothing and equipment, see Section 8. Wash thoroughly after handling.

### Conditions for Safe Storage, including any Incompatibilities

Store and handle in accordance with all current regulations and standards. Store in a cool, dry place. Keep separated from incompatible substances.

**Incompatibilities:** strong acids, strong bases, strong oxidizing materials

## \*\*\*Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION\*\*\*

### Component Exposure Limits

#### Calcium Carbonate (1317-65-3)

**OSHA:** 15 mg/m<sup>3</sup> TWA (total dust); 5 mg/m<sup>3</sup> TWA (respirable fraction)

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**NIOSH:** 10 mg/m<sup>3</sup> TWA (total dust); 5 mg/m<sup>3</sup> TWA (respirable dust)  
**Mexico** 10 mg/m<sup>3</sup> TWA LMPE-PPT  
20 mg/m<sup>3</sup> STEL [LMPE-CT]

## Talc (14807-96-6)

**ACGIH:** 2 mg/m<sup>3</sup> TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)  
**NIOSH:** 2 mg/m<sup>3</sup> TWA (containing no Asbestos and <1% Quartz, respirable dust)  
**Mexico** 2 mg/m<sup>3</sup> TWA LMPE-PPT (respirable fraction)

## Appropriate Engineering Controls

Based on available information, additional ventilation is not required. Ensure compliance with applicable exposure limits.

## Individual Protection Measures, such as Personal Protective Equipment

### Eyes/Face Protection

Wear safety goggles if eye contact is possible.

### Skin Protection

Protective clothing is not required under normal conditions.

### Glove Recommendations

Protective gloves are not required under normal conditions.

### Respiratory Protection

Respiratory protection is not required under normal conditions of use.

Use an approved respirator if exposure limits are exceeded or if irritation develops or persists.

## \*\*\*Section 9 - PHYSICAL AND CHEMICAL PROPERTIES\*\*\*

<b>Physical State:</b>	Solid	<b>Appearance:</b>	solid form
<b>Physical Form:</b>	Solid	<b>Odor:</b>	Not Available
<b>Odor Threshold:</b>	Not available	<b>pH:</b>	Not available
<b>Melting Point:</b>	Not available	<b>Boiling Point:</b>	Not available
<b>Flash Point:</b>	Not available	<b>Decomposition:</b>	Not available
<b>Evaporation Rate:</b>	Not available	<b>OSHA Flammability Class:</b>	Not available
<b>Vapor Pressure:</b>	Not available	<b>Vapor Density (air = 1):</b>	Not available
<b>Density:</b>	Not available	<b>Specific Gravity (water = 1):</b>	Not available
<b>Water Solubility:</b>	Negligible	<b>Log KOW:</b>	Not available
<b>Coeff. Water/Oil Dist:</b>	Not available	<b>KOC:</b>	Not available
<b>Auto Ignition:</b>	Not available	<b>Viscosity:</b>	Not available
<b>VOC:</b>	Not available	<b>Volatility:</b>	Not available
<b>Molecular Formula:</b>	Not available		

## \*\*\*Section 10 - STABILITY AND REACTIVITY\*\*\*

### Reactivity

No reactivity hazard is expected.

### Chemical Stability

Stable at normal temperatures and pressure.

### Possibility of Hazardous Reactions

Will not polymerize.

### Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

### Incompatible Materials

strong acids, strong bases, strong oxidizing materials

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## Hazardous Decomposition Products

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## Hazardous Decomposition

**Combustion:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## \* \* \*Section 11 - TOXICOLOGICAL INFORMATION\* \* \*

### Acute Toxicity

#### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

### Information on Likely Routes of Exposure

#### Inhalation

No information available for the product.

#### Ingestion

Ingestion may cause irritation of the esophagus and gastrointestinal tract.

#### Skin Contact

May cause irritation of the skin. Repeated or prolonged contact may result in dermatitis.

#### Eye Contact

May cause irritation of the eyes. Contact may cause tearing, redness, a stinging or burning feeling, swelling, and blurred vision.

### Immediate Effects

skin irritation eye irritation

### Delayed Effects

No information is available.

### Medical Conditions Aggravated by Exposure

skin disorders, eye disorders

### Irritation/Corrosivity Data

May cause irritation of the skin and eyes.

### Respiratory Sensitization

No information available for the product.

### Dermal Sensitization

No information available for the product.

### Germ Cell Mutagenicity

No information available for the product.

### Carcinogenicity

#### Component Carcinogenicity

##### Talc (14807-96-6)

**ACGIH:** A4 - Not Classifiable as a Human Carcinogen (containing no asbestos fibers)

**IARC:** Monograph 93 [2010] (inhaled); Supplement 7 [1987]; Monograph 42 [1987] (Group 3 (not classifiable))

**DFG:** Category 3B (could be carcinogenic for man, free of asbestos fibers)

### Reproductive Toxicity

No information available for the product.

### Specific Target Organ Toxicity - Single Exposure

No target organs identified.

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## Specific Target Organ Toxicity - Repeated Exposure

No target organs identified.

## Aspiration Hazard

No information available for the product.

## \*\*\*Section 12 - ECOLOGICAL INFORMATION\*\*\*

### Ecotoxicity

No information available for the product.

### Component Analysis - Aquatic Toxicity

#### Talc (14807-96-6)

Fish: 96 Hr LC50 Brachydanio rerio: >100 g/L [semi-static]

### Persistence and Degradability

No information available for the product.

### Bioaccumulation

No information available for the product.

### Mobility

No information available for the product.

### Biodegradation

No information available for the product.

## \*\*\*Section 13 - DISPOSAL CONSIDERATIONS\*\*\*

### Disposal Methods

Dispose in accordance with all applicable federal, state/regional and local laws and regulations.

### Disposal of Contaminated Packaging

Dispose of properly. Recycle if possible.

### Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

## \*\*\*Section 14 - TRANSPORT INFORMATION\*\*\*

### US DOT Information

Not regulated as a hazardous material.

### TDG Information

Not regulated as dangerous goods.

## \*\*\*Section 15 - REGULATORY INFORMATION\*\*\*

### U.S. Federal Regulations

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

### SARA 311/312 Hazardous Categories

Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No

### State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA
Calcium Carbonate	1317-65-3	No	Yes	Yes	Yes	Yes
Talc	14807-96-6	Yes	Yes	Yes	Yes	Yes

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.

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## Component Analysis - Inventory

Component	CAS	US	CA	EU	AU	PH	JP	KR	CN	NZ
Calcium Carbonate	1317-65-3	Yes	NSL	EIN	Yes	Yes	Yes	Yes	Yes	Yes
Talc	14807-96-6	Yes	DSL	EIN	Yes	Yes	Yes	Yes	Yes	Yes

## \*\*\*Section 16 - OTHER INFORMATION\*\*\*

### Summary of Changes

New SDS: 1.00

### NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

### Other Information

The information contained herein is based on data considered accurate which has been obtained from other companies and organizations.

End of Sheet MAN-009