



RMB Products, Inc.
1201 RMB Court
Fountain, CO 80817
(719) 382-9300

*Industrial, Aviation,
Medical Applications*

MATERIAL SAFETY DATA SHEET

RMB 1722P

FILE NO.:

MSDS DATE: 9/12/2012

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RMB 1722P
SYNONYMS:
PRODUCT CODES:

MANUFACTURER: RMB PRODUCTS, INC.
ADDRESS: 1201 RMB COURT
Fountain, CO 80817
U.S.A.

PHONE: 719-382-9300
FAX PHONE: 719-382-7600
CHEMTREC PHONE: 800-424-9300

PRODUCT USE: Thermoplastic powder used primarily in molding applications.

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: **Form** – granular **Color** – white (natural) **Odor** – odorless

Dust can be present due to mechanical abrasion of product prior to packaging.

Risk of skin burns caused by hot melt processing.

Fumes from hot processing may be irritating to eyes and respiratory tract.

POTENTIAL HEALTH EFFECTS

EYES: Fumes from hot processing may cause eye irritation.

SKIN: Contact with hot product will cause thermal burns.

INGESTION: Not an expected route of exposure.

INHALATION: Fumes from hot processing may cause irritation.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NATURE: Polyamid 12 molding compound

INGREDIENT: N-butylbenzenesulphonamide

CAS NO. 3622-84-2 **<10 % WT**



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REPORTABLE: This material is classified as hazardous under OSHA regulations.

SECTION 4: FIRST AID MEASURES

EYES: Rinse with plenty of water.

SKIN: Cool melted product on skin with plenty of water. Do not remove solidified product. In case of burns by molten product medical treatment is necessary.

INGESTION: If swallowed, get medical attention immediately. Only induce vomiting if directed by a physician. Never give anything by mouth to an unconscious person.

INHALATION: In case of symptoms of irritation caused by vapors in thermal processing: Provide fresh air, seek medical advice if necessary.
Following inhalation of product dust: Provide fresh air, seek medical advice if necessary.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: Not Applicable

AUTOIGNITION TEMPERATURE:

C: > 300°C Method DIN 51 794

EXTINGUISHING MEDIA: Water spray, foam, CO₂, dry powder

SPECIAL FIRE FIGHTING PROCEDURES: Have ready/wear respiratory protection equipment.

HAZARDOUS DECOMPOSITION PRODUCTS: May be released in case of fire: carbon monoxide, carbon dioxide, organic products of decomposition, nitric oxides, sulphur dioxide. Under certain fire conditions, traces of other toxic products may occur.

SECTION 5 NOTES: As in any fire, wear self-contained positive pressure breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Personal precautions: In case product dust is released: Dust mask.

Environmental precautions: Obey relevant local, state, provincial and federal laws and regulations. Do not contaminate any lakes, streams, ponds, groundwater, or soil.

Methods for cleaning up: Sweep up or vacuum up spillage and collect in suitable container for disposal.



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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid dust formation.
Provide for appropriate exhaust ventilation and dust collection at machinery.
In case of thermal processing, provide for extraction of vapors or adequate ventilation.

No special storage precautions required.

OTHER PRECAUTIONS: Normal measures for preventive fire protection.
If dusts are formed: Take precautionary measures against static charges, keep away from sources of ignition.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: In case of thermal processing, provide for extraction of the vapors or adequate ventilation.
In case of dust, provide for adequate extraction.

RESPIRATORY PROTECTION: The wearing of a dust mask is sufficient in the event dust occurs, e.g. during the removal of the granulate from shipping containers or filter cleaning operations.

Do not inhale vapors from hot product.

Should vapors inadvertently manage to permeate into the surrounding air during thermal processing, then gas masks fitted with filters designed to combat organic vapors (e.g. A 2) or breathing apparatus with independent air supply are to be worn.

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

EYE PROTECTION: Safety glasses

SKIN PROTECTION: A safety shower and eyewash fountain should be readily available.
To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with OSHA PPE standard (29CFR1910.132) be conducted before using this product.

The wearing of protective gloves is not required if the granulate is handled at room temperature. Any areas of skin covered with dust must be washed immediately with soap and water as powder draws out natural moisture from the skin.
Use barrier cream regularly.

Protective heat insulating gloves are to be used during thermal processing.

WORK HYGIENIC PRACTICES: Smoking, eating and drinking should be prohibited in the application area.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Form: granular
Color: white (natural)
Odor: odorless

PHYSICAL STATE: Solid

pH AS SUPPLIED: Not applicable

BOILING POINT: Not applicable

MELTING POINT: 160°C - 180°C

AUTOIGNITION TEMPERATURE: > 300°C (DIN 51 794)

VAPOR PRESSURE (mmHg): Not Applicable

SPECIFIC GRAVITY (H₂O = 1): 1.0 – 1.2 @ 20°C

WATER SOLUBILITY: Insoluble

OTHER INFORMATION: The specific physical and chemical data can be read in the product information.

SECTION 10: STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Decomposition products on effect of heat: carbon monoxide, carbon dioxide, organic products of decomposition, nitric oxides, sulphur dioxide

HAZARDOUS REACTIONS: No dangerous reactions known.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No health and safety data is available for n-butylbenzenesulfonamide. There is undocumented evidence of neurotoxicity in test animals (rabbits) for n-butylbenzenesulfonamide.



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SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: The product is a water-insoluble, solid polymer which, under environmental conditions, is not expected to have a detrimental effect on plants, animals or microorganisms.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Waste must be disposed of in accordance with federal, state/provincial and local regulations. Incineration is the preferred method.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: Not classified as dangerous in the meaning of transport regulations.

SECTION 15: REGULATORY INFORMATION

NON-HAZARDOUS COMPONENTS: Azacyclotridecan-2-one, homopolymer

CAS NO. 25038-74-8 **<91 % WT**

U.S. FEDERAL REGULATIONS

OSHA: If listed, chemical specific standards apply to the product or components: None listed.

TSCA (TOXIC SUBSTANCE CONTROL ACT): All ingrediants are listed on the TSCA Inventory.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): If listed, a reportable quantity (RQ) applies to the product based on the percent of the named component: None listed.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: The product meets the criteria only for listed hazard classes: Acute Health Hazard.

313 REPORTABLE INGREDIENTS: If listed, components are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: None listed.

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: A warning under the California Drinking Water Act is required only if listed: None listed.

INTERNATIONAL REGULATIONS:



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SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

HMIS RATINGS:

Health:	1
Flammability:	1
Physical Hazard:	0

PREPARATION INFORMATION:

10/18/11 – Changed wording on TSCA to indicate all ingrediants are listed. B.J.

DISCLAIMER: The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material in combination with any other materials or in any process, unless specified in the text.