

SAFETY DATA SHEETS

This SDS packet was issued with item:

078023158

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078023141

SAFETY DATA SHEET

1. IDENTIFICATION

TECHNOVIT POWDER

For treatment and repair of livestock hooves.

Jorgensen Laboratories
1450 Van Buren Avenue

Loveland, Co. 80538

Phone: (970) 669-2500 or (800) 525-5614 Fax: (970) 663-5042

Emergency Phone Number: U.S. and Canada (800) 535-5053

International: (352) 323-3500 (INFOTRAC)

Product Codes: J-61PB,J-61PA

Date: April 2, 2015

2. HAZARD(S) IDENTIFICATION...

For Polymers:

Eyes:

OSHA classifies this material as particulates, not otherwise classified.

May be irritated by gross overexposure, no
Matter how generated. Keep dust out of eyes.

Skin:

May be irritated by gross overexposure, no
Matter how generated. May cause dryness.

Respiratory tract:

May be irritated by gross overexposure, no
Matter how generated.

For Calcium Carbonate:

Eyes:

May cause mild irritation including watering.

Respiratory tract:

Can be irritating, with symptoms including sneezing and nasal irritation.
If the quantity is large, it may cause intestinal obstruction and/or
constipation.

Ingestion:

For Benzoyl Peroxide:

Acute hazards: Eyes:

May cause severe irritation or damage.

Skin:

Non-irritating, although allergies have been noted in humans and guinea
pigs.

Inhalation:

May cause irritation of nose, throat and lungs.

Ingestion:

Considered to be non-toxic. May produce muscular weakness.

Chronic hazards: Skin:

Non-irritating. Prolonged and/or repeated skin contact may cause
irritation, defatting, dermatitis and sensitization. Repeated application
with a known carcinogen has enhanced skin tumors in mice.

Ingestion:

Long term dietary administration showed increased testicular atrophy in
rats.

CARCINOGENICITY:

Ethyl Acrylate is listed as a suspected human
Carcinogen by IARC, NTP, and ACGIH based on
animal studies. NIOSH lists Ethyl Acrylate as a
carcinogen without comment. IARC lists Benzoyl
Peroxide as not classifiable as to carcinogenicity to
humans. Calcium Carbonate contains crystalline silica
as a minor impurity. Crystalline silica is listed by IARC
as a pulmonary carcinogen in humans. None of the
other components of this material are listed by IARC,
NTP, OSHA, or ACGIH as carcinogens.

PRIMARY ROUTES OF ENTRY:

Inhalation, Skin or Eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS NUMBER	%
Poly(methyl methacrylate/ethyl Acrylate)	9010-88-2	>74.5
Ethyl Acrylate	140-88-5	< .37
Calcium Carbonate	1317-65-3	13.7
Benzoyl Peroxide	94-36-0	3.04

C9-11 branched Alkyl Benzoate	131298-44-7	3.23
Water	7732-18-5	.91
Silicon Dioxide	68909-20-6	.19
Zinc Stearate	557-05-1	.114
Black Iron Oxide	1309-38-2	.096

4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

EYES:	Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.
INGESTION:	Rinse mouth out with water. Call doctor if amount was large.
INHALATION:	Remove to fresh air. Get medical help if discomfort persists.
SKIN:	Wash with soap and water. Get medical help if discomfort persists.
CLOTHING:	Remove contaminated clothing. Wash thoroughly before reuse.
TREATMENT:	Treat symptoms conventionally, after thorough decontamination.

5. FIRE FIGHTING MEASURES

FLASH POINT:	304 C, 580 F
EXTINGUISHER METHOD:	Water, Carbon Dioxide, dry chemical.
FIRE AND EXPLOSION HAZARDS:	Polymer dust is combustible. The Explosive limits of the polymer Particles suspended in air are Approximately those of coal dust.
SPECIAL FIRE FIGHTING PROCEDURES:	Avoid extinguishing methods which may generate dust clouds. Water stream can disperse dust into the air.
SENSITIVE TO STATIC DISCHARGE:	Yes.

6. ACCIDENTAL RELEASE MEASURES

Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills.

7. HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING:	Use in well ventilated areas. Avoid Contact with skin, eyes and clothing. Avoid breathing dust. Use good personal hygiene and housekeeping.
PRECAUTIONS FOR STORAGE:	Store in cool dry place away from incompatible materials. Keep container tightly closed.
INDUSTRIAL HYGIENE PRACTICES:	<i>Wash face and hands thoroughly with water after use and before eating, drinking, smoking or applying cosmetics.</i>

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION:	Use in open area or with good ventilation.
RESPIRATORY PROTECTION:	Use type for particulates not otherwise classified, if needed.
EYE PROTECTION:	Safety glasses.
INDUSTRIAL HYGIENE PRACTICES:	Wash face and hands thoroughly with soap and water after use and before eating, drinking, smoking or applying cosmetics.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Fine gray powder.
ODOR:	Faint odor in bulk.
SPECIFIC GRAVITY (H ₂ O=1):	1.25
SOLUBILITY IN WATER:	Insoluble

10. STABILITY AND REACTIVITY

INCOMPATIBILITY(Avoid):	Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Methacrylate Monomer and Oxides of Carbon when burned.
HAZARDOUS POLYMERIZATION:	Will not occur
STABILITY:	Stable

11. TOXICOLOGICAL PROPERTIES

TARGET ORGANS

For Polymer:	None listed.
For Calcium Carbonate:	None listed.
For Benzoyl Peroxide:	Skin and Eyes.

SENSITIVITY DATA:

For Benzoyl Peroxide:	
Eyes Rabbit:	Severely irritating.
Skin Rabbit:	Non-irritating/4H.

MUTAGENICITY DATA:

For Polymer:	None listed.
For Benzoyl Peroxide:	
Human Cell Types	DNA Damage: 100 u mol/L.
Mouse Cell Types	DNA Damage: 1 u mol/L.
Human Cell Types	DNA Inhibition: 56 u mol/L.
Rat Liver	Unscheduled DNA Synthesis: 100 p mol/L.
Human Cell Types	Test Systems Other: 56 u mol/L.

REPRODUCTIVE TOXICITY DATA:

For Polymer:	None listed.
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TUMOROGENIC DATA:

For Polymer:	None listed.
For Benzoyl Peroxide:	
Skin Mouse	TDlo: 24 gm/kg/30W.

TOXICITY DATA:

For Polymer:	None listed.
For Limestone:	None listed.
For Benzoyl Peroxide:	
Inhalation Rat	LC50: 24.3 mg/L/4hr.
Intraperitoneal Mouse	LDlo: 250 mg/kg.
Oral Rat	LD50: 7710 mg/kg.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:	Dispose in a landfill.
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14. TRANSPORTATION

DOT/UN shipping name:	Synthetic Gum Resin Granular, Noibn
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16. OTHER INFORMATION

Issue Date: April 2, 2015

Reason for revision: Updated to comply with Revised Hazard Communication Standard (HCS)

By Dale Peterson, Chemist

Disclaimer

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