

GRANITE KIT ACRYLIC CATALYST – COMPONENT "B"

Manufacturer/ Multi-Tech Products
 Distributor 41519 Cherry St.
 Murrieta, CA 92562
 Phone (951) 834-9066

Animal Data

Inhalation 2 hour LC50: 25mg/L in rats
 Skin Absorption LD50: ~21,000 mg/kg in rabbits
 Oral LD50: 8,000 mg/kg in rats

TRANSPORT EMERGENCY:
 (800) 218-2066

The compound is a skin and eye irritant, but is not a skin sensitizer in animals.

TSCA INVENTORY STATUS: REPORTED/INCLUDED

Inhalation: The effects in animals from single exposure by inhalation include mucous membranes and eye irritation, body weight loss, increased red blood cell counts, and other non-specific effects. Repeated exposures caused lung and liver effects. Long term exposures resulted in decreased body weight gain, increased brain and lung weights, and changes in clinical chemical parameters.

PRODUCT NAME: GRANITE KIT ACRYLIC CATALYST,
 COMPONENT "B"

COMPONENTS

<u>Material</u>	<u>CAS Number</u>	<u>%</u>
*Benzoyl Peroxide	94-36-0	10
*Dibutyl Phthalate	84-74-2	90

Skin: Repeated skin applications caused testicular atrophy, dermatitis, kidney changes and weight loss.

*Regulated as a Toxic Chemical under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

PHYSICAL DATA

Vapor Pressure: <3mm Hg @ 20 Deg C (68 Deg F)
 % Volatiles: 0 WT %
 Evaporation Rate: None
 Water Solubility: <0.03 g/liter
 Form: Liquid
 Specific Gravity: 1.044 @ 20 Deg C

Ingestion: Toxicity described in animals from the administration of single high doses include damage of the gastrointestinal tract, muscular incoordination, immobility, difficult respiration, eye lid edema and conjunctivitis. Repeated dosing at high levels caused liver, kidney, testicular and stomach injury, and decreased growth rate. Long term dosing at lower levels caused no adverse changes.

HAZARDOUS REACTIVITY

Instability: Stable at normal temperatures and storage conditions. Avoid heat, high temperatures, and ignition sources.
 Incompatibility: Incompatible with heat and oxidizing materials, strong acids.
 Decomposition: Decomposes with heat. Hazardous gases/vapors produced are carbon monoxide, carbon dioxide, smoke.
 Polymerization: Polymerization will not occur.

Tests in animals demonstrate no carcinogenic activity. Tests in some animals indicate that the compound may have developmental and reproductive toxicity at very high doses.

The compound does produce genetic damage in bacterial cultures but not in mammalian cell cultures. It has not been tested in animals.

FIRE AND EXPLOSION DATA

Flash Point: >93 Deg C (>200 Deg F)
 Method: TCC
 *Slight fire hazard when exposed to heat or flame.

Human Health Effects

Skin contact may include skin irritation with rash.

Eye contact may include eye irritation with tearing, or blurring vision.

Fire and Explosion Hazards

Heating can release vapors which can be ignited.

Inhalation may include irritation of the upper respiratory passages, with coughing.

Extinguishing Media

Water. Dry Chemical. CO2.

Ingestion may include nonspecific discomfort, such as nausea, headache, or weakness.

Special Fire Fighting Instructions

Evacuate personnel to a safe area. Keep personnel removed & upwind of fire. Wear self-contained breathing apparatus. Wear full protective equipment. Cool tank/container with water spray. Isolate area.

Higher exposures may lead to temporary nervous system depression with anaesthetic effects such as dizziness, headache, confusion, incoordination, and loss of consciousness; or abnormal liver and kidney function as detected by laboratory tests.

HEALTH HAZARD INFORMATIONDIBUTYL PHTHALATE

This compound is a skin, eye, nose and throat irritant. Ingestion may cause nausea, headache and weakness. Higher exposures may cause dizziness, confusion, incoordination and loss of

CARCINOGENICITY

None of the components in this material are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

consciousness. Abnormal liver and kidney function may occur.

APPLICABLE EXPOSURE LIMITS

BENZOYL PEROXIDE

AEL* : None Established
TLV (ACGIH): 5mg/m³ – 8 Hr TWA
PEL (OSHA): 5mg/m³ – 8 Hr TWA

DIBUTYL PHTHALATE

AEL* : 5mg/m³ – 8 Hr TWA
TLV (ACGIH): 5mg/m³ – 8 Hr TWA
PEL (OSHA): 5mg/m³ – 8 Hr TWA

SAFETY PRECAUTIONS

Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Wash clothing after use.

FIRST AID

Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Skin Contact

Flush skin with water after contact. Wash contaminated clothing before reuse.

Eye Contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Ingestion

If swallowed, do not induce vomiting. Immediately give two glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

Notes to Physician

Activated charcoal slurry may be administered. To prepare activated charcoal slurry, suspend 50 grams activated charcoal in 400ml water and mix thoroughly. Administer 5ml/kg, or 350ml for an average adult.

PROTECTION INFORMATION

Generally Applicable Control Measures and Precautions

Keep away from heat, sparks and flames. Keep container in a cool place. Keep container in a dark place. Keep container tightly closed. Close container after each use. Do not consume food, drink or tobacco in the areas where they may become contaminated with this material.

Use local exhaust ventilation to keep employee exposure to airborne concentrations below recommended exposure limits.

Do not freeze containers.

DISPOSAL INFORMATION

SPILL, LEAK OR RELEASE

NOTE: Review FIRE AND EXPLOSION HAZARDS and SAFETY PRECAUTIONS before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

Evacuate personnel, thoroughly ventilate area, use self-contained breathing apparatus. Remove source of heat, sparks, flame impact, friction or electricity. Dike spill. Prevent liquid from entering sewers, waterways or low areas. Soak up with sawdust, sand, oil dry or other

WASTE DISPOSAL

Cleaned-up material is a RCRA Hazardous Waste. Treatment, storage, transportation must be in accordance with applicable Federal, State/ Provincial, and Local regulations. Do not flush to surface water or sanitary sewer system. Do not incinerate in closed containers.

RCRA hazardous waste number is U069.

SHIPPING INFORMATION

DOT

Proper shipping name: Not Regulated.

STORAGE CONDITIONS

Store in well a ventilated area. Store in a cool place. Store in a dark place. Keep container tightly closed. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

TITLE III HAZARD CLASSIFICATIONS

Acute: Yes
Chronic: Yes
Fire: Yes
Reactivity: Yes
Pressure: No

ADDITIONAL INFORMATION AND REFERENCES

NA = Not Applicable
NE = Not Established

STATE RIGHT TO KNOW LAWS

No substances on the state hazardous substances list, for the states indicated below, are used in the manufacture of products on this Material Safety Data Sheet, with the exceptions indicated. While we do not specifically analyze these products, or the raw materials used in their manufacture, for substances on various state hazardous substances lists, to the best of our knowledge the products on this Material Safety Data Sheet contain no such substances except for those specifically listed below:

SUBSTANCES ON THE PENNSYLVANIA HAZARDOUS SUBSTANCES LIST PRESENT AT A CONCENTRATION OF 1% OR MORE (0.01% FOR SPECIAL HAZARDOUS SUBSTANCES): Benzoyl Peroxide 10%; Dibutyl Phthalate 90%.

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER: None Known.

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: None Known.

SUBSTANCES ON THE NEW JERSEY WORKPLACE HAZARDOUS SUBSTANCE LIST PRESENT AT A CONCENTRATION OF 1% OR MORE (0.1% FOR SUBSTANCES IDENTIFIED AS CARCINOGENS, MUTAGENS OR TERATOGENS): Benzoyl Peroxide 10% Dibutyl Phthalate 90%.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or

absorbent material. Shovel or sweep up.

in any process.