



**DIAMOND PARTING \***

Diamond Parting Compound is a mixture of porous minerals which has been ground to the size required to produce an effective parting compound. Our Diamond Parting is silica-free. It has been formulated to be highly lubricious which promotes the excellent separation. When properly applied, parting will not waterproof the mold interface so that subsequent operations which may require the passage of liquids or moisture will not be affected. Diamond Parting is available in several shades for easier identification.

**PACKAGING:** Standard packaging is 50-lb. multi-wall paper bags..... 60  
bags per stretchwrapped pallet.

Fiber drums are also available - each holds 350 lbs. ....4 per  
stretchwrapped pallet

- \* #104 Diamond Parting
- \* #106 " "
- \* #107 " "
- \* #108 " "
- \* #109 " "

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# MATERIAL SAFETY DATA SHEET

ASBURY GRAPHITE OF CALIFORNIA  
2855 Franklin Canyon Road

Emergency Telephone  
800-424-9300 CHEMTREC

Rodeo CA 94572

#75cur

3-15-96

## PRODUCT IDENTIFICATION

Trade Names: ASBURY DIAMOND PARTING

CHEMICAL FAMILY: Blend of clays, minerals, and metallic stearate.

## CONSTITUENTS

% of Mix	Name	CAS #	Niosh	OSHA Pel	ACGIH tlv
90 - 96	Calcium Carbonate	471-34-1	10*/5**	15*/5**	10
1 - 3	Magnesium Carbonate	546-93-0	10*/5**	15*/5**	10
2 - 10	Calcium Stearate	1592-230	10*/5**	15*/5**	10
0 - 0.5	Crystalline Silica	14808-60-7	0.05 <sup>1</sup>	0.1 <sup>1</sup>	0.1 <sup>1</sup>

values expressed in mg/m<sup>3</sup>  
<sup>1</sup> Respirable dust

\* Total Dust  
\*\* Respirable fraction

## PHYSICAL CHARACTERISTICS:

Freezing point: N/D  
Melting point: Decomposes at 1799 F  
Boiling point: N/A  
Sublimes: N/A  
Evaporation: N/A

Vapor Pressure: N/A  
Vapor Density: N/A  
Density (g/cc): 2.71  
H<sub>2</sub>O Solubility: Negligible  
% Volatiles : N/A

Appearance and odor: white powder, little to no odor.

## EXPLOSION AND REACTIVITY DATA

Flash Point: none  
Flammable (explosive) Limits: V/V%  
LEL: none UEL: none

Extinguishing Media: This material is non-combustible. Use extinguishing media suitable for the surrounding fire.

Special Firefighting Procedures: If this material is involved in a fire-fighting situation, CO and CO<sub>2</sub> may be generated.

## EXPLOSION AND REACTIVITY DATA (cont.)

Unusual Fire or Explosion Hazards: No unusual explosion hazards known.

General Reactivity Information: The product is a stable material.

Incompatibility: Contact with acids will liberate CO<sub>2</sub>.

## HEALTH HAZARD INFORMATION/EMERGENCY PROCEDURES:

One of the constituents of this product is Crystalline silica as quartz. This material is listed as a suspected carcinogen by IARC-2A and NIOSH-X. It has not been determined at what level the crystalline silica as quartz resides in this product.

Prolonged breathing of dust may cause cancer, pulmonary fibrosis, emphysema, corpulmonalas.

Skin: Prolonged contact may cause dry skin and/or irritation.

Eyes: Nuiance irritant due to dust.

Ingestion: Product not normally ingested. No harmful effects have been reported.

Inhalation: This product is normally present as dust when in use. If the exposure to the product dust concentration exceeds the recommended limits, engineering controls may be necessary. A nuisance dust mask may also be effectinve for short periods of exposure.

## ENVIRONMENTAL PROTECTION INFORMATION :

Asbury is unaware of any State or Federal regulations regarding specific labeling, packaging, storage, transportation and disposal procedures.

## SPECIAL PRECAUTIONS:

Always wash thoroughly prior to eating or smoking.

This product must be handled accordingly to the size, shape and quantity of material involved. Drums may require use of hoists, cranes etc. Store this material in a cool dry area.

## DOT SHIPPING INFORMATION:

This material is not regulated by the DOT for land transportation. The following is the most accurate description of the material for shipping purposes.

" Diamond Parting "

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