

Material Safety Data Sheet



DE FILTER POWDER

SECTION I - IDENTIFICATION

MANUFACTURER'S NAMEHaviland Products Company
MANUFACTURER'S ADDRESS421 Ann St., NW, Grand Rapids, MI 49504
PHONE NUMBER..... (616) 361-6691
EMERGENCY PHONE NUMBERCHEMTREC (800) 424-9300
EFFECTIVE DATE.....8/4/04
TRADE NAME.....**DE FILTER POWDER**
CHEMICAL FAMILY.....Diatomaceous Earth

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	OSHA PEL	TLV (Units)	CAS NUMBER
Calcined Diatomaceous Earth (DE), (May contain >50% crystal silica)	Not Established	Not Established	68855-54-9
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SECTION III - PHYSICAL DATA

BOILING POINT Not Determined
FREEZING POINT Not Determined
VAPOUR PRESSURE Not Applicable
VAPOUR DENSITY (air=1) Not Applicable
SOLUBILITY IN H₂O..... Negligible
ODOUR AND APPEARANCE White Granules; Odorless
SPECIFIC GRAVITY 2.3 (Solid)
pH..... 9 - 10.5

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT AND METHOD OF DETERMINATION Will Not Burn
LOWER EXPLOSIVE LIMIT (% by Volume) Not Applicable
UPPER EXPLOSIVE LIMIT (% by Volume) Not Applicable
MEANS OF EXTINCTION.....As for Surrounding Fires
SPECIAL FIRE FIGHTING PROCEDURES.....None
UNUSUAL FIRE HAZARD.....None

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SECTION V - HEALTH HAZARD DATA

CARCINOGENICITY, REPRODUCTIVE EFFECTS Continuous exposure over long periods of time may be carcinogenic.
NTP?..... May be reasonably considered carcinogenic.
IARC MONOGRAPHS?..... Strong possibility of being carcinogenic.
OVER EXPOSURE EFFECTS Eye and respiratory irritation.
PRIMARY ROUTE (S) OF ENTRY Contact and inhalation.
SPECIFIC FIRST AID PROCEDURES In case of contact: Immediately flush eyes and skin with plenty of water for at least 15 minutes. For eyes, get medical attention. If inhaled: Remove to fresh air, drink water to clear throat and blow nose to evacuate dust. Ingestion: Not hazardous in small quantities.
EXPOSURE AGGRAVATED MEDICAL CONDITIONS Pre-existing respiratory and lung diseases.

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY Stable
CONDITIONS TO AVOID Exposure to dust.
INCOMPATIBLE MATERIALS Hydrofluoric acid.
HAZARDOUS DECOMPOSITION PRODUCTS None through ordinary use.
HAZARDOUS POLYMERIZATION Will Not Occur
POLYMERIZATION AVOID Not Applicable

SECTION VII - SPILL OR LEAK PROCEDURE

LEAK AND SPILL PROCEDURES Sweep up spillage and place in a labeled, covered container for disposal. Use a dust suppressant such as water.
WASTE DISPOSAL Approved landfill burial. Comply with all federal, state and local regulations.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION NIOSHA/MSHA approved dust mask. For continuous exposure use a full-face respirator w/ N95 filters.
VENTILATION Use in open areas with mechanical assistance to airflow.
PROTECTIVE GLOVES Not normally required.
EYE PROTECTION Safety glasses w/ side shields is the minimum protection required, goggles are recommended.
OTHER PROTECTIVE EQUIPMENT A safety shower and eye bath should be available.
HANDLING PROCEDURES AND EQUIPMENT Protect containers from damage. Keep containers tightly closed. Seal/patch broken containers. Avoid breathing dust. Will not freeze or melt at typical temperatures. Product may clump if exposed to moisture.

SECTION IX - SPECIAL PRECAUTIONS

HAZARD CLASS Non-regulated
DOT SHIPPING NAME Ground Earth, Diatomaceous,
UN NUMBER Not Required
REPORTABLE QUANTITY (RQ) Not Listed

REFERENCES

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