Material Safety Data Sheet

Trade Name(s): (CELITE® - C) C110, C224, C226, C319, C427, C501, C513, FILTER AID FOR COOKING OIL, HYFLO® DC, C HSC HYFLO® RV, HYFLO® SUPER UEP, X-4, X-5

Generic Name: FLUX CALCINED DIATOMACEOUS EARTH
Chemical Name: SILICA
Manufacturer: CELITE CORPORATION
Address: P.O. BOX 519
City: LOMPOC
State: CA
Zip: 93438

Emergency: CHEMTREC - USA (800) 424-9300
International: (703) 527-3887 (collect)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT NAME</th>
<th>CAS NUMBER</th>
<th>%</th>
<th>PEL AND TLV (except as noted)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLUX CALCINED DIATOMACEOUS EARTH (DE)</td>
<td>68855-54-9</td>
<td>100</td>
<td>SEE BELOW</td>
</tr>
<tr>
<td>CRISTOBALITE</td>
<td>14464-46-1</td>
<td>&lt; 40</td>
<td>0.5mg/M³ RESPIRABLE CRISTOBALITE OSHA</td>
</tr>
<tr>
<td>QUARTZ</td>
<td>14808-60-7</td>
<td>&lt; 4</td>
<td>0.1mg/M³ RESPIRABLE QUARTZ OSHA</td>
</tr>
</tbody>
</table>

3. HAZARD IDENTIFICATION

Summary: THIS PRODUCT CONTAINS CRYSTALLINE SILICA (CS), WHICH IS CONSIDERED A HAZARD BY INHALATION. IARC HAS CLASSIFIED INHALATION OF CS AS CARCINOGENIC FOR HUMANS (GROUP 1). CS IS LISTED BY NTP AS A SUBSTANCE WHICH MAY REASONABLY BE ANTICIPATED TO BE A CARCINOGEN. INHALATION OF CS IS ALSO A KNOWN CAUSE OF SILICOSIS, A NONCANCEROUS LUNG DISEASE.

Medical conditions which may be aggravated: PRE-EXISTING UPPER RESPIRATORY AND LUNG DISEASE SUCH AS, BUT NOT LIMITED TO BRONCHITIS, EMPHYSEMA AND ASTHMA.

4. FIRST AID MEASURES

Inhalation: IRITATION AND SORENESS IN THROAT & NOSE. IN EXTREME EXPOSURES SOME CONGESTION MAY OCCUR
Eyes: TEMPORARY IRRITATION OR INFLAMMATION.
Skin Contact: NA
Skin Absorption: NA
Ingestion: NOT HAZARDOUS WHEN INGESTED.

5. FIRE FIGHTING MEASURES

Flash Point (Method): NONFLAMMABLE
Flammable Limits: LEL: NA
UEL: NA
Extinguishing Media: NA
Unusual Fire or Explosion Hazards: NONE
Special Fire-Fighting Procedures: NONE

6. ACCIDENTAL RELEASE MEASURES

Procedures for Spill/Leak: VACUUM CLEAN DUST WITH EQUIPMENT FITTED WITH HEPA FILTER. USE A DUST SUPPRESSANT SUCH AS WATER IF SWEEPING IS NECESSARY.
7. HANDLING AND STORAGE
MINIMIZE DUST GENERATION AND ACCUMULATION. AVOID BREATHING DUST, AVOID CONTACT WITH EYES. SEAL BROKEN BAGS IMMEDIATELY. CONTINUE TO FOLLOW ALL MSDS/LABEL WARNINGS WHEN HANDLING EMPTY CONTAINERS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Goggles: GOGGLES OR SAFETY GLASSES WITH SIDESHIELDS ARE RECOMMENDED.
Gloves: NOT NORMALLY REQUIRED.
Respirator: <10X PEL, USE AN N95 QUARTER OR HALF MASK RESPIRATOR, <50X PEL, USE A FULL FACE RESPIRATOR EQUIPPED WITH N95 FILTERS, >200X PEL, USE A POWERED AIR PURIFYING RESPIRATOR (POSITIVE PRESSURE) WITH N95 FILTERS. >200X PEL, USE A FULL FACE TYPE C SUPPLIED AIR RESPIRATOR (CONTINUOUS FLOW MODE).
Ventilation: USE SUFFICIENT NATURAL OR MECHANICAL VENTILATION TO KEEP DUST LEVEL BELOW PEL.
Other: Special Considerations for repair/maintenance of contaminated equipment: INSURE PROPER RESPIRATORY PROTECTION

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance and Odor: FINE WHITE POWDER, NO ODOR.
Boiling Point: NA Evaporation Rate (1): NA Specific Gravity (water = 1): 2.3
Vapor Pressure: NA Melting Point: ND % Volatile by Volume: NIL
Water Solubility (%): NEGligible Vapor Density (Air = 1): NA pH: 9 - 10.5

10. STABILITY AND REACTIVITY
MATERIAL IS STABLE.
Chemical Incompatibilities: HYDROFLUORIC ACID.
HAZARDOUS POLYMERIZATION CANNOT OCCUR.
Conditions to Avoid: NONE IN DESIGNED USE.

11. TOXICOLOGICAL INFORMATION
Summary: THIS PRODUCT CONTAINS CRYSTALLINE SILICA (CS), WHICH IS CONSIDERED A HAZARD BY INHALATION. IARC HAS CLASSIFIED CS AS CARCINOGENIC FOR HUMANS (GROUP 1). CS IS LISTED BY NTP AS A SUBSTANCE WHICH MAY REASONABLY BE ANTICIPATED TO BE A CARCINOGEN. CS IS ALSO A KNOWN CAUSE OF SILICOSIS, A NONCANCEROUS LUNG DISEASE.

12. ECOLOGICAL INFORMATION
GENERALLY CONSIDERED CHEMICALLY INERT IN THE ENVIRONMENT. USED MATERIAL WHICH HAS BECOME CONTAMINATED MAY HAVE SIGNIFICANTLY DIFFERENT CHARACTERISTICS BASED ON THE CONTAMINANT AND SHOULD BE EVALUATED ACCORDINGLY.

13. DISPOSAL CONSIDERATIONS
WASTE IS NOT HAZARDOUS AS DEFINED BY RODA (40 CFR 261). OTHER STATE AND LOCAL REGULATIONS MAY VARY. CONSULT LOCAL AGENCIES AS NEEDED. USED MATERIAL WHICH HAS BECOME CONTAMINATED MAY HAVE SIGNIFICANTLY DIFFERENT CHARACTERISTICS BASED ON THE CONTAMINANTS AND SHOULD BE EVALUATED ACCORDINGLY.

14. TRANSPORTATION INFORMATION
D.O.T. Proper Shipping Name: EARTH, DIATOMACEOUS, CRUDE OR GROUND Hazard Classification: NOT CLASSIFIED
Reportable Quantities: NOT APPLICABLE UN (United Nations), NA (North America) Number: NOT APPLICABLE

15. REGULATORY INFORMATION
OSHA Hazard Communications Standard, 29 CFR 1910.1200: MATERIAL IS CONSIDERED HAZARDOUS, SEE SECTION 3 OF THIS MSDS.
RCRA: THIS MATERIAL IS NOT DEFINED AS HAZARDOUS WASTE PER 40 CFR 261.
TSCA: THIS MATERIAL IS INCLUDED IN THE TSCA INVENTORY, AND IS NOT OTHERWISE REGULATED BY TSCA. SEC. 4A, 5, 6, 7, 8, OR 12.
CERCLA: MATERIAL IS NOT REPORTABLE UNDER CERCLA. LOCAL REQUIREMENTS MAY VARY.
SARA: 313/312 HAZARD CATEGORIES IMMEDIATE AND DELAYED HEALTH, 313 REPORTABLE INGREDIENTS - NONE.
California Proposition 65: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

16. OTHER INFORMATION
Storage Segregation Hazard Classes: NA
Special Handling/Storage: REPAIR ALL BROKEN BAGS IMMEDIATELY.
Special Workplace Engineering Controls: ADEQUATE VENTILATION TO KEEP DUST LEVEL BELOW PEL.
Prepared/Revised by: CHRIS PAULEY Title: DIRECTOR, HEALTH & SAFETY SERVICES

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state law(s). However, no warranty or representation with respect to such information is intended or given.