



**SAFETY DATA SHEET #3040**  
**REVISION #17**  
**DATE REVISED: 04/20/2018**

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Trade Name(s):** (Celite® = C) 7.5, C281(Quincy), K300, 545, 499, K700, K1000, K2500, K3000, K5200, K5500, K5800, C535, C545, C580, CPC, X-4, X-5, X-6, X-7, D.E. FOR Swimming Pools, Hyflo (Quincy,WA) C555, C555R, Aquacel  
**Uses:** FUNCTIONAL FILLER OR FILTER IN A VARIETY OF APPLICATIONS.

**Generic Name:** FLUX CALCINED DIATOMACEOUS EARTH

**CAS:** 68855-54-9

**Chemical Name:** SILICA

**EINECS:** 272-489-0

**Manufacturer:** Imerys

**Formula:** SiO<sub>2</sub>

**Address:** 1732 North First Street, Suite 450

**Telephone:** (805) 737-1239

**City:** San Jose

**State:** CA

**Zip:** 95112

**Emergency:** CHEMTREC – USA: (800) 424-9300

**International:** +01 (703) 527-3887 (collect)

**2. HAZARD IDENTIFICATION**

**2.1 PHYSICAL AND CHEMICAL HAZARDS:**  
HUMAN HEALTH:  
ENVIRONMENT:

NO CLASSIFICATION.  
QUARTZ: STOT RE 1 – H372.  
NO CLASSIFICATION.

**2.2 LABEL ELEMENTS:**

● **GHS PICTOGRAM**



● **SIGNAL WORD:** DANGER

● **HAZARD STATEMENT:**

H372 CAUSES DAMAGE TO LUNGS THROUGH PROLONGED OR REPEATED EXPOSURE VIA INHALATION.

● **PRECAUTIONARY STATEMENTS:**

P260 DO NOT BREATHE DUST.

P285 IN CASE OF INADEQUATE VENTILATION WEAR RESPIRATORY PROTECTION.

P501 DISPOSE OF CONTENTS/CONTAINERS IN ACCORDANCE WITH LOCAL REGULATIONS.

LONG TERM EXPOSURE TO CRYSTALLINE SILICA CAN CAUSE LUNG INJURY (SILICOSIS). IARC AND NTP HAVE DETERMINED THAT CRYSTALLINE SILICA INHALED FROM OCCUPATIONAL SOURCES CAN CAUSE CANCER IN HUMANS. RISK OF INJURY IS DEPENDENT ON THE DURATION AND LEVEL OF EXPOSURE.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT NAME:	CAS NUMBER:	%	PEL AND TLV (except as noted)
FLUX CALCINED DIATOMACEOUS EARTH (DE)	68855-54-9	100	SEE BELOW
THIS PRODUCT MAY CONTAIN UP TO 61% CRYSTALLINE SILICA:			
CRISTOBALITE	14464-46-1	< 60	.025mg/M <sub>3</sub> RESPIRABLE CRISTOBALITE, ACGIH
QUARTZ	14808-60-7	< 1	.025mg/M <sub>3</sub> RESPIRABLE QUARTZ, ACGIH

**4. FIRST AID MEASURES**

**Inhalation:** REMOVE TO FRESH AIR. DRINK WATER TO CLEAR THROAT AND BLOW NOSE TO EVACUATE DUST.

**Eyes:** FLUSH EYES WITH LARGE QUANTITIES OF WATER. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN.

**Skin Contact:** NA

**Skin Absorption:** NA

**Ingestion:** NA

**5. FIRE FIGHTING MEASURES**

**Flash Point (Method):** NONFLAMMABLE

**NFPA Flammable/Combustible Liquid Classification:** NA

**Flammable Limits:** LEL: NA UEL: NA

**Auto-Ignition Temperature:** NA

**Extinguishing Media:** NA

**Unusual Fire or Explosion Hazards:** NONE

**Special Fire-Fighting Procedure:** NONE

**6. ACCIDENTAL RELEASE MEASURES**

**Procedure 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 SDS/ LABEL WARNING 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.

**ACGIH TLV** – .025 mg/M<sup>3</sup> RESPIRABLE CRISTOBALITE / QUARTZ DUST.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance and Odor:** FINE WHITE POWDER, NO ODOR.

<b>Boiling Point:</b>	NA	<b>Evaporation Rate ( =1):</b>	NA	<b>Specific Gravity (water = 1):</b>	2.3
<b>Vapor Pressure:</b>	NA	<b>Melting Point:</b>	ND	<b>% Volatile by Volume:</b>	NIL
<b>Water Solubility (%):</b>	NEGLIGIBLE	<b>Vapor Density (Air=1):</b>	NA	<b>pH:</b>	9.0-10.5

**10. STABILITY AND REACTIVITY**

MATERIAL IS STABLE.

HAZARDOUS POLYMERIZATION CANNOT OCCUR

**Chemical Incompatibilities:** HYDROFLUORIC ACID

**Conditions to Avoid:** NONE IN DESIGNED USE.

**11. TOXICOLOGY 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 KNOWN HUMAN 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 RCRA (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:** NA

**UN (United Nations), NA (North America) Number:** NA

**15. REGULATORY INFORMATION**

**OSHA Hazard Communications Standard, 29 CFR 1910.1200:** MATERIAL IS CONSIDERED HAZARDOUS, SEE SECTION 3.

**RCRA:** THIS MATERIAL IS NOT DEFINED AS HAZARDOUS WASTE PER 40 CFR 261.

**TSCA:** THIS MATERIAL IS LISTED IN THE TSCA INVENTORY, AND IS NOT OTHERWISE REGULATED BY TSCA SEC. 4, 5, 6, 7 OR 12.

**CERCLA:** MATERIAL IS NOT REPORTABLE UNDER CERCLA, LOCAL REQUIREMENTS MAY VARY.

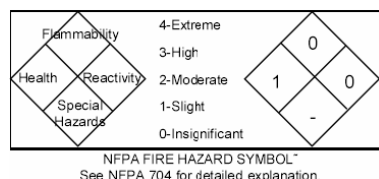
**SARA:** 311/312 HAZARD CATEGORIES -IMMEDIATE AND DELAYED HEALTH, 313 REPORTABLE INGREDIENTS - NONE.

**Canada:** THIS PRODUCT IS LISTED ON THE DSL.

**California Proposition 65:** WARNING THIS PRODUCT CAN EXPOSE YOU TO CHEMICALS INCLUDING CRYSTALLINE SILICA, WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. FOR MORE INFORMATION GO TO [www.P65Warnings.com](http://www.P65Warnings.com).

**EU (REGULATION (EC) N° ° 1272/2008):** THIS MATERIAL IS LABELED AND SUPPORTED ACCORDINGLY WITH GHS STANDARDS.

**European Inventory of Existing Chemicals (EINECS):** ALL OF THE COMPONENTS OF THIS PRODUCT ARE INCLUDED ON EINECS.

**16. OTHER INFORMATION**

<b>HEALTH</b>	<b>*</b>	<b>1</b>
<b>FLAMMABLE</b>		<b>0</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>		<b>E</b>

**Revisions Made Since Last Version:** Revised California Proposition 65 warning language in Section #15.

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