



NFPA FIRE HAZARD SYMBOL  
 See NFPA 704 for detailed explanation.

# Material Safety Data Sheet



No.: 2595-103      Rev. No.: 6  
 Date Revised: 04/06/2010

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name(s): CHROMOSORB 103

Generic Name: SYNTHETIC POLYMERIC ADSORBENT  
 Chemical Name: TREATED STYRENE/DIVINYLBENZENE COPOLYMER  
 Manufacturer: CELITE CORPORATION  
 Address: P.O. BOX 519  
 City: LOMPOC      State: CA      Zip: 93438

CAS: 9003-70-7  
 EINECS: UNKNOWN  
 Formula: NA  
 Telephone: (805) 737-1239  
 Emergency: CHEMTREC - USA: (800) 424-9300  
 International: (703) 527-3887 (collect)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME:	CAS NUMBER:	%	PEL AND TLV
STYRENE/DIVINYLBENZENE COPOLYMER COATED WITH POTASSIUM CARBONATE	9003-70-7	100	NOT ESTABLISHED

## 3. HAZARD IDENTIFICATION

**Summary:** DUSTS GENERATED FROM THIS PRODUCT ARE CONSIDERED NUISANCE DUST. MAY CAUSE TRANSITORY MECHANICAL IRRITATION TO SKIN AND EYES. THIS SUBSTANCE OR MIXTURE HAS NOT BEEN CLASSIFIED AS A CARCINOGEN.

**Medical conditions which may be aggravated:** PRE-EXISTING UPPER RESPIRATORY AND LUNG DISEASE SUCH AS, BUT NOT LIMITED TO BRONCHITIS, EMPHYSEMA AND ASTHMA.  
**Target Organ(s) :** LUNGS, EYES

**Acute Health Effects:** TRANSITORY UPPER RESPIRATORY OR EYE IRRITATION.  
**Chronic Health Effects:** NO PERMANENT EFFECTS HAVE BEEN REPORTED.

**Primary Entry Route(s) :** INHALATION, DUST CONTACT WITH EYES OR SKIN.  
**Inhalation:** CONGESTION, IRRITATION OR TICKLE IN NOSE OR THROAT.  
**Eyes:** TEMPORARY IRRITATION OR INFLAMMATION.  
**Skin Contact:** TEMPORARY MECHANICAL IRRITATION OR RASH  
**Skin Absorption:** NA  
**Ingestion:** NOT HAZARDOUS WHEN INGESTED.

## 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:** WASH EXPOSED AREAS WITH SOAP AND WARM WATER.  
**Skin Absorption:** NA  
**Ingestion:** NONE

## 5. FIRE FIGHTING MEASURES

**Flash Point (Method) :** NA      **NFPA Flammable/Combustible Liquid Classification:** NA  
**Flammable Limits:** LEL: NA      UEL: NA      **Auto-Ignition Temperature:** 420fC (est.)  
**Extinguishing Media:** FOAM, CO<sub>2</sub>, WATER FOG  
**Unusual Fire or Explosion Hazards:** WHEN HEATED TO DECOMPOSITION EMITS ACRID SMOKE AND FUMES  
**Hazardous Decomposition Products:** STYRENE MONOMER  
**Special Fire-Fighting Procedures:** WEAR SELF-CONTAINED BREATHING APPARATUS

## 6. ACCIDENTAL RELEASE MEASURES

**Procedures for Spill/Leak:** SHOVEL OR SWEEP UP (WITH THE HELP OF A DUST SUPPRESSANT). VACUUM CLEAN REMAINING FINE PARTICLES. UNCONTAMINATED MATERIAL MAY BE REUSED.

**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. STORE AWAY FROM STRONG OXIDIZERS AT AMBIENT TEMPERATURES (<250fC).

**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:** NONE

**Other:** NONE

**Special Considerations for repair/maintenance of contaminated equipment:** NONE

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance and Odor:** WHITE PARTICULATE, NO ODOR.

**Boiling Point:** NA

**Evaporation Rate ( = 1 ):** NA

**Specific Gravity (water = 1 ):** 1.1

**Vapor Pressure:** NA

**Melting Point:** ND

**% Volatile by Volume:** NEGLIGBLE

**Water Solubility (%):** INSOLUBLE

**Vapor Density (Air=1):** NA

**pH: (AQUEOUS SLURRY)** NEUTRAL

**10. STABILITY AND REACTIVITY**

MATERIAL IS STABLE.

HAZARDOUS POLYMERIZATION CANNOT OCCUR.

**Chemical Incompatibilities:** STRONG OXIDIZERS

**Conditions to Avoid:** TEMPERATURES > 250fC

**11. TOXICOLOGICAL INFORMATION**

**Summary:** DUSTS GENERATED FROM THIS PRODUCT ARE CONSIDERED NUISANCES DUST. IT MAY CAUSE TRANSITORY MECHANICAL IRRITATION TO SKIN OR EYES. THIS SUBSTANCE OR MIXTURE HAS NOT BEEN CLASSIFIED AS A CARCINOGEN.

**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:**

**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.

**RCRA:** THIS MATERIAL IS NOT DEFINED AS HAZARDOUS 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 CATAGORIES - NONE, 313 REPORTABLE INGREDIENTS - NONE (STYRENE MAY BE BELOW DEMINIMUS CONC.).

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

**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:** STORE AWAY FROM STRONG OXIDIZERS AT AMBIENT TEMPERATURES (<250fC).

**Prepared/Revised by:** R. Bruce Coggin, Manager Health & Safety Services, World Minerals, Inc. (805) 737-1239

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.