

CODE 0752
TALC-OLYMPIC

HMIS



Cyprus Minerals Company

MATERIAL SAFETY DATA SHEET

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| | |
|---------------------|-------------------------------------|
| Health | <input checked="" type="checkbox"/> |
| Flammability | <input type="checkbox"/> |
| Reactivity | <input type="checkbox"/> |
| Personal Protection | <input checked="" type="checkbox"/> |

I. IDENTIFICATION

Product Name: **OLYMPIC, SUPRA, SUPRAFINO**

Chemical Name: TALC; HYDROUS MAGNESIUM SILICATE

Chemical Family: SILICATES

Formula: $3MgO \cdot 4SiO_2 \cdot H_2O$

II. INGREDIENTS

| Mineral or Chemical Name(s) | Weight % | CAS # |
|--|--------------|------------|
| TALC - A NATURAL HYDROUS MAGNESIUM SILICATE MINERAL | 90-99% | 14807-96-6 |
| DOLOMITE - A NATURAL MAGNESIUM CALCIUM CARBONATE MINERAL | less than 5% | None |
| CALCITE - A NATURAL CALCIUM CARBONATE MINERAL | less than 5% | 1317-65-3 |
| CHLORITE - A NATURAL HYDROUS MAGNESIUM ALUMINUM SILICATE MINERAL | less than 5% | None |
| QUARTZ - A NATURAL CRYSTALLINE SILICA MINERAL | less than 1% | 14808-60-7 |

III. PHYSICAL DATA

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|---|---------------------------------|---------------|
| Boiling Point: NOT APPLICABLE | Freezing Point: NOT APPLICABLE | |
| Vapor Pressure: NOT APPLICABLE | Vapor Density: NOT APPLICABLE | |
| Evaporation Rate: NOT APPLICABLE | % Volatile: NOT APPLICABLE | |
| Specific Gravity (water = 1): 2.7 - 2.8 | Solubility in Water: NEGLIGIBLE | pH: 7.5 - 9.5 |
| Appearance and Odor: A WHITE POWDER WITH AN EARTHY ODOR | | |

IV. FIRE AND EXPLOSION HAZARD DATA

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|--|----------------------------------|
| Flash Point: NOT APPLICABLE | Flammable Limits: NOT APPLICABLE |
| Extinguishing Media: NOT APPLICABLE | |
| Special Fire Fighting Procedures: NOT APPLICABLE | |
| Unusual Fire and Explosion Hazards: NOT APPLICABLE | |

V. HEALTH HAZARD DATA

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| Threshold Limit Value: 2 mg/M ³ RESPIRABLE DUST OVER AN 8 HOUR EXPOSURE PERIOD | |
| Possible Effects of a Single Overexposure | |
| Inhalation | ACUTE ACCIDENTAL EXPOSURE WOULD BE NON-SPECIFIC AND SIMILAR TO THE INHALATION OF ANY DUST. SUCH SYMPTOMS MIGHT INCLUDE COUGHING, WHEEZING, DIFFICULT BREATHING AND UPPER RESPIRATORY TRACT IRRITATION. |
| Skin Contact | NO ADVERSE EFFECTS ARE KNOWN AS A CONSEQUENCE OF APPLICATION TO UNBROKEN SKIN. |
| Eye Contact | AS WITH ANY PARTICULATE MATERIAL, TALC CAN CAUSE TEMPORARY DISCOMFORT AND IRRITATION IF ACCIDENTALLY INTRODUCED INTO THE EYE. |
| Ingestion | NO KNOWN HAZARD. |

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Possible Effects of Repeated Overexposure

THERE ARE REPORTS THAT A RELATIVELY MILD PNEUMONOCONIOSIS CAN DEVELOP OVER 10-40 YEARS OF OCCUPATIONAL EXPOSURE TO MIXED DUSTS CONTAINING TALC. THE PULMONARY DISEASE WHICH DEVELOPS AFTER SUCH PROLONGED EXPOSURE MAY EXIST WITH OR WITHOUT IMPAIRMENT IN LUNG FUNCTION. PROLONGED INHALATION MAY PROVOKE A FIBROTIC RESPONSE SIMPLY BECAUSE OF THE INSOLUBLE NATURE OF THE MINERAL TALC.

Emergency and First Aid Procedures

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| Inhalation | REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN AND CALL A PHYSICIAN. |
| Skin Contact | OF NO GENERAL CONCERN. BROKEN SKIN CAN BE CLEANSED WITH SOAP AND WATER. |
| Eye Contact | FOR ACUTE EXPOSURE, FLUSH WITH WATER. IF IRRITATION OR DISCOMFORT PERSISTS, CALL A PHYSICIAN. |
| Ingestion | NO TREATMENT NECESSARY. |

Notes to Physician

THERE ARE NO SPECIFIC ANTIDOTES TO ACUTE OVEREXPOSURE. TREATMENT SHOULD BE DIRECTED AT THE CONTROL OF THE SYMPTOMS AND THE CLINICAL CONDITION. INDIVIDUALS WITH ACTIVE PULMONARY DISEASE SHOULD NOT BE ASSIGNED TO A HEAVY TALC DUST ENVIRONMENT.

VI. REACTIVITY DATA

Stability: TALC IS STABLE AND INERT

Incompatibility: NONE

Hazardous Decomposition Products: NONE

Hazardous Polymerization: NONE

Conditions to Avoid: NONE

VII. SPILL OR LEAK PROCEDURES

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| Steps to be Taken if Material is Released or Spilled | VACUUM CLEAN OR WET SWEEP SPILLAGE |
| Waste Disposal Method | WASTE SHOULD BE DISPOSED OF IN CLOSED CONTAINERS TO PREVENT DUST |

VIII. SPECIAL PROTECTION INFORMATION

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|----------------------------|---|----------------|----------------|
| Respiratory Protection | NIOSH APPROVED DUST RESPIRATORS FOR EXPOSURE TO POTENTIALLY HIGH TALC DUST ENVIRONMENTS | | |
| Ventilation | LOCAL EXHAUST VENTILATION RECOMMENDED | | |
| Protective Gloves | NOT REQUIRED | Eye Protection | SAFETY GLASSES |
| Other Protective Equipment | NOT REQUIRED | | |

IX. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage

- AS WITH ALL POWDERS, LIMIT THE CREATION AND INHALATION OF DUST
- WET FLOORS MAY BECOME EXTREMELY SLIPPERY WHEN TALC IS PRESENT

X. ADDITIONAL INFORMATION

EMERGENCY TELEPHONE NUMBERS

Medical: (303) 740-5440

Technical: (303) 740-5700

FEDERAL HAZARD CLASSIFICATION NUMBERS

- DOT Hazard Classification - Talc not listed
- RCRA Hazardous Waste No. - Talc not listed
- CERCLA (Superfund) Reportable Quantity - Talc not listed