

AMERICAN SAFETY TECHNOLOGIES INC -- T-10/T-100/ST-100 AGGREGATE COMPONENT --
5610-01-366-4776

===== Product Identification =====

Product ID:T-10/T-100/ST-100 AGGREGATE COMPONENT

MSDS Date:08/14/1998

FSC:5610

NIIN:01-366-4776

Status Code:A

MSDS Number: CLMWH

=== Responsible Party ===

Company Name:AMERICAN SAFETY TECHNOLOGIES INC

Address:565 EAGLE ROCK AVE

City:ROSELAND

State:NJ

ZIP:07068

Country:U

S

Info Phone Num:973-403-2600

Emergency Phone Num:1-800-424-9300

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:88444

=== Contractor Identification ===

Company Name:AMERICAN SAFETY TECHNOLOGIES INC

Address:565 EAGLE ROCK AVE

Box:City:ROSELAND

State:NJ

ZIP:07068

Country:US

Phone:973-403-2600

CAGE:88444

===== Composition/Information on Ingredients =====

Ingred Name:SILICONE DIOXIDE

CAS:14808-60-7

Code:F

RTECS #:VV7330000

< Wt:35.

OSHA PEL:SEE TABLE Z-3

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CGIH TLV:0.1 MG/M3

Ingred Name:RESIN COATED

OSHA PEL:0.1 MG/M3

ACGIH TLV:0.1 MG/M3

Ingred Name:MARBLE (LIMESTONE)

CAS:1317-65-3

Code:F

RTECS #:EV9580000

< Wt:35.

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:CALCIUM MAGNESIUM CARBONATE

CAS:16389-38-1

< Wt:35.

OSHA PEL:5MG/M3

Ingred Name:SILICA-QUARTZ

< Wt:1.

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES

OSHA:YES

Health Hazards Acute and Chronic:EYES: AGGREGATE MAY CAUSE INJURY.

SKIN: AGGREGATE ABRASIVENESS MAY CAUSE IRRITATION OR INJURY.

INHALATION: A NUISANCE PARTICULATE WITH A LONG HISTORY OF LITTLE ADVERSE EFFECTS ON LUNGS, AND NO PRODUCT ION OF SIGNIFICANT ORGANIC DISEASE OR TOXIC EFFECT WHEN EXPOSURES ARE KEPT UNDER REASONABLE CONTROL. INGESTION: NO SPECIFIC INFORMATION AVAILABLE. SHOULD NOT CAUSE ANY SIGNIFICANT HEALTH PROBLEMS.

Explanation of Carcinogenicity:T

HIS PRODUCT CONTAINS SILICON

DIOXIDE/SILICA. THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER ("IARC"), CONCLUDED THAT THERE WAS "SUFFICIENT EVIDENCE IN HUMANS FOR THE CARCINOGENICITY OF CRYSTALLINE S ILICA IN THE FORMS OF QUARTZ OR CRYSTOBALITE FROM OCCUPATIONAL SOURCES".

Effects of Overexposure:IRRITATION, SENSITIZATION, AND DERMATITIS.

Medical Cond Aggravated by Exposure:RESPIRATORY DISEASES.

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===== First Aid Measures =====

First Aid:EYES:

FLUSH WITH LARGE QUANTITIES OF WATER TO REMOVE PARTICULES. SKIN: WASH WITH MILD SOAP AND WATER. INHALATION: REMOVE FROM EXPOSURE. INGESTION: IF LARGE AMOUNT IS INGESTED AND CONSCIOUS, GIVE LARGE QUANTITIES OF WATER AND INDUCE VOMITING. GET MEDICAL ATTENTION.

===== Accidental Release Measures =====

Spill Release Procedures:USE RESPIRATORY PROTECTION FOR AIRBORNE DUST. VACUUM OR SCOOP FOR RECOVERY OR DISPOSAL. WETTING SPILL WITH A WATER SPRAY WILL HELP TO KEEP DUST LEVELS DOWN; USE GOOD VENTILATION IF POSSIBLE.

===== Handling and Storage =====

Handling and Storage Precautions:USE DUSTLESS SYSTEM OF STORAGE AND HANDLING. KEEP WELL-VENTILATED.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED DISPOSABLE HALF-MASK FOR DUST/MIST IF REQUIRED.
Ventilation:LOCAL EXHAUST AS APPROPRIATE. MECHANICAL VENTILATION IS RECOMMENDED

Protective Gloves:LEATHER OR RUBBER GLOVES.
Eye Protection:SAFETY GLASSES OR DUST-TIGHT GOGGLES.
Other Protective Equipment:AN EYE WASH FACILITY SHOULD BE AVAILABLE IN MATERIAL HANDLING AREA.
Work Hygienic Practices:USE DUSTLESS SYSTEM OF STORAGE AND HANDLING. KEEP WELL VENTILATED.
Supplemental Safety and Health

===== Physical/Chemical Properties =====

Spec Gravity:2.7
Solubility in Water:INSOLUBLE
Appearance and Odor:VARIOUSLY COLORED CRUSHED STONE, NO ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
ACIDS.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:CARCINOGENIC DATA: THIS PRODUCT CONTAINS SILICON DIOXIDE/SILICA. THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER CONCLUDED THERE WAS "SUFFICIENT EVIDENCE IN HUMANS FOR CARCINOGENICITY OF CRYSTALLINE SILICA IN THE FORMS

OF QUARTZ OR

CRYSTOBALITE FROM OCCUPATIONAL SOURCES." THE OVERALL IARC EVALUATION WAS THAT "CRYSTALLINE SILICA INHALED IN THE FORM OF QUARTZ OR CRYSTABALITE FROM OCCUPATIONAL SOURCE S IS CARCINOGENIC TO HUMANS (GROUP 1). NTP HAS CONCLUDED THAT "SILICA, CRYSTALLINE (RESPIRABLE) MAY REASONABLY BE ANTICIPATED TO BE CARCINOGEN." CRYSTALLINE SILICA IS NOT REGULATED BY OSHA AS A CARC INOGEN. SINCE ALL SILICON (ECOLOGICAL)

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===== Ecological Information =
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Ecological:TOXICOLOGICAL INFO (CONT'D): DIOXIDE/SILICA IS OF NON-RESPIRABLE SIZE AND ENCAPSULATED IN THE COATING, NO OVEREXPOSURE TO AIRBORNE DUSTS IS TO BE EXPECTED. HOWEVER, DURING REMOVAL BY MECHANICAL ABRASI ON, APPROPRIATE SAFETY PRACTICES SHOULD BE FOLLOWED TO PREVENT INHALATION OF AIRBORNE DUSTS.

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===== Disposal Considerations =====

Waste Disposal Methods:NOT CONSIDERED A HAZARDOUS WASTE; CAN BE USED AS A SOIL SWEE TENER.

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===== MSDS Transport Information =====

Transport Information:D.O.T. SHIPPING CLASSIFICATION (49 CFR 172.101): (NOT REGULATED)

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===== Regulatory Information =====

SARA Title III Information:SECTION 313 SUPPLIER INFORMATION: THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 & 40 CFR 372. THIS INFORMATION

MUST BE INCLUDED ON MSDS COPIED AND DISTRIBUTED FOR THIS MATERIAL: CHEMICAL NAME, CAS NUMBER, WEIGHT %: NONE LISTED.

State Regulatory Information:CALIFORNIA PROPOSITION 65 INFORMATION: WARNING! THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: SILICON DIOXIDE (RESPIRA BLE PARTICLES).

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===== Other Information =====

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ormation by the compiling agencies):

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