

MATERIAL SAFETY DATA SHEET
554 Backhand Pad
DUAL MIRROR®, STYLE NUMBER 1086

JOHN TILLMAN COMPANY
1300 W. ARTESIA BLVD
COMPTON, CA 90220
(800) 255-5480

SECTION I PRODUCT IDENTITY

PRODUCT/TRADE NAME(S): DUAL MIRROR®, STYLE NUMBER 1086
PART NUMBER: N/A
MSDS DATE: 4/29/10
CAS #: N/A
CATEGORY: N/A
DISTRIBUTOR: JOHN TILLMAN COMPANY
CHEMICAL NAME: N/A
FORMULA: N/A
BRIEF DESCRIPTION: ALUMINIZED PREOX®/ARAMID BLEND (KORSPUN I®)

SECTION II HAZARDOUS INGREDIENTS & EXPOSURE LIMITS
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CHEMICAL NAME	CAS#	%	LIMIT VALUES
ALUMINIZATION (PROPRIETARY)	N/A	15.00	N/A
BLEND FABRIC	N/A	85.0	N/A

SECTION III PHYSICAL/CHEMICAL CHARECTERISTICS

BOILING POINT: N/A
VAPOR PRESSURE (mm Hg): N/A
VAPOR DENSITY (AIR=1): N/A
SOLUBILITY IN WATER: INSOLUABLE
% VOLATILE/ VOLUME: N/A
APPEARANCE AND ODOR: YELLOW-BLACK/ ALUMINUM
pH: NO DATA
SPECIFIC GRAVITY (WATER=1): >1
MISCELLANEOUS INFORMATION: NO CORRESPONDING DATA IN MSDS
PROVIDED BY MANUFACTURER

SECTION IV FIRE AND EXPLOSION HAZARD DATA
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FLASH POINT: N/A
FLAMMABLE LIMITS: N/A
LOWER EXPLOSIVE LIMIT (LEL): NO DATA
UPPER EXPLOSIVE LIMIT (UEL): NO DATA
EXTINGUISHING MEDIA: THE PRODUCT IS SELF-EXTINGUISHING AND TENDS TO SMOLDER IN THE FLAME. EXTINGUISH WITH WATER, CHEMICAL FOAM, DRY CHEMICAL. CO₂, AND/OR SMOTHER.
SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS
UNUSUAL FIRE & EXPLOSION HAZARDS: NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER

SECTION V REACTIVITY DATA

STABLE: YES
HAZARDOUS POLYMERIZATION MAY OCCUR: NO
INCOMPATIBILITY (MATERIALS TO AVOID): NO CORRESPONDING DATA IN MSDS PROVIDED BY MFG
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NO CORRESPONDING DATA IN MSDS PROVIDED BY MFG

SECTION VI HEALTH HAZARD DATA

EFFECTS ON EYES: NONE AT NORMAL TEMPERATURES
EFFECTS ON SKIN: NONE AT NORMAL TEMPERATURES
EFFECTS DUE TO INGESTION: NONE AT NORMAL TEMPERATURES
EFFECTS DUE TO INHALATION: NONE AT NORMAL TEMPERATURES
FIRST AID PROCEDURES FOR EYES: N/A
FIRST AID PROCEDURES FOR SKIN: N/A
FIRST AID PROCEDURES FOR INGESTION: CONSULT PHYSICIAN
FIRST AID PROCEDURES FOR INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. IF NOT BREATHING, ADMINISTER ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. CONSULT PHYSICIAN.

SECTION VII**PRECAUTIONS FOR SAFE HANDLING AND USE**

IF MATERIAL IS RELEASED OR SPILLED: SEE SECTION VIII

WASTE DISPOSAL METHOD: DISPOSE OF IN COMPLIANCE
WITH FEDERAL, STATE,
AND LOCAL REGULATIONS

PRECAUTIONS TO TAKE IN HANDLING AND STORING: NO CORRESPONDING
DATA IN MSDS PROVIDED
BY MFG

SECTION VIII CONTROL MEASURES

LOCAL EXHAUST: NORMAL

MECHANICAL (GENERAL): NO CORRESPONDING DATA
PROVIDED BY MFG

SPECIAL VENTILATION: NO CORRESPONDING DATA
PROVIDED BY MFG

OTHER VENTILATION: NO CORRESPONDING DATA
PROVIDED BY MFG

PROTECTIVE GLOVES: NONE REQUIRED

EYE PROTECTION: NO CORRESPONDING DATA
PROVIDED BY MFG

WORK/HYGIENIC PRACTICES: AVOID BREATHING FIBERS OR
DUST

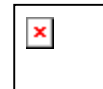
RESPIRATORY PROTECTION (SPECIFIC TYPE): IF THERE IS A POTENTIAL FOR
IRRITATION OF THE NASAL
PASSAGES TO OCCUR DUE TO THE
MECHANICAL ACTION OF THE
FIBERS, WEAR A DUST MASK.

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health
Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY <i>(As Used on Label and List)</i> <i>Tillman 590</i>	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name John Tillman Co.	Emergency Telephone Number 310-764-0110
Address <i>(Number, Street, City, State, and ZIP Code)</i> 1300 W. Artesia Blvd.	Telephone Number for information 310-764-0110
Compton, CA 90220	Date prepared April 1 st , 2009
	Signature of Preparer <i>(optional)</i>

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% <i>(optional)</i>
Fibrous Glass		10 mg/m3 of air		
		For fiber diameters , less than 7 micron.		

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.8
Vapor Pressure (mm Hg)	N/A	Melting Point	>1000F.

Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Negligible			
Appearance and Odor Yellow fabric with a yellow coating on one side/no odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) >250 C	Flammable Limits	LEL N/A	UEL N/A
Extinguishing Media : Water, carbon dioxide, dry chemical			
Special Fire Fighting Procedures None Known			
Unusual Fire Explosion Hazards : None Known			
Flammable Limits: LEL: N/A UEL: N/A			

(Reproduce locally)

OSHA 174, Sept. 1985

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid :None Known
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>): <i>Strong oxidizing agents.</i>			
Hazardous Decomposition or By products: Carbon dioxide, carbon monoxide, hydrogen chloride			
Hazardous Polymerization	May Occur		Conditions to Avoid: None Known
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry: This material can enter the body through inhalation of nuisance dust.	Inhalation?	Skin?	Ingestion?
Health Hazards (<i>Acute and Chronic</i>)			

Raspy , sore throat, redness and itching of skin and eyes.			
Carcinogenicity: This material is not known to be a carcinogen.	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure: Sore throat, itching of skin or eyes.			
Medical Conditions Generally Aggravated by Exposure: Respiratory ailments			
Emergency and First Aid Procedures : for skin-wash with soap and warm water. For eyes,flush with cool water. For throat:remove person to fresh air. If any of these conditions persist, seek medical attention.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled :
Material is a solid.
Waste Disposal Method: Burial in a federal, state or locally approved landfill.
Precautions to Be taken in Handling and Storing:Use adequate material handling equipment.
Other Precautions : None known

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Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>) use a dust mask when cutting.		
Ventilation	Local Exhaust None Needed	Special None Needed
	Mechanical (<i>General None Needed</i>)	Other: None Needed
Protective Gloves Cotton gloves		Eye Protection As a matter of course.
Other Protective Clothing or Equipment Wear long sleeve garments		
Work/Hygienic Practices Wash with soap and water after handling		

* U.S.G.P.O.: 1986 - 491 - 529/45775

MATERIAL SAFETY DATA SHEET

MSDS No: 353 Date Prepared: 10/05/1994 Current Date: 5/9/2008

Last Revised: (05/09/2008)

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Super Wool
Chemical Name: Calcium-Magnesium-Silicate Wool or Calcium-Magnesium-Zirconium-Silicate Wool
Synonyms: AES Wool, CMS Wool, Synthetic Vitreous Fiber (SVF), Man-made Vitreous Fiber (MMVF), Man-made Mineral Fiber (MMMF)
Trade Names: Superwool™ (*) Paper; Superwool™ (*) Flex-Wrap
Manufacturer/Supplier: John Tillman Co.
1300 W. Artesia Blvd.
Compton, CA 90220

Emergency Information -
Phone: 1-310-764-0110
Fax: 310-764-0104

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT & CAS NUMBER	% BY WEIGHT	OSHA PEL	ACGIH TLV
Alkaline-Earth Silicate Wool ⁽¹⁾ 436083-99-7	92 - 96	15 mg/m ³ (total dust) 5 mg/m ³ (respirable dust)	10 mg/m ³ (inhalable dust) 3 mg/m ³ (respirable dust)
Latex ⁽²⁾ NONE	2 - 10	Not established	Not established

NOTES:

⁽¹⁾ **CAS definition:** Alkaline Earth Silicate (AES) consisting of silica (50-82 wt %), calcia and magnesia (18-43 wt %), alumina, titania and zirconia (less than 6 wt %), and trace oxides. This CAS composition also covers Thermal Ceramics products Calcium-Magnesium-Silicate Wool (CAS no. 329211-92-9) and Calcium-Magnesium-Zirconium-Silicate Wool (CAS no. 308084-09-5).

⁽²⁾ Trace amount of formaldehyde may release from latex during initial heating of this product. The current OSHA PELs for formaldehyde are: 0.75 ppm (8 hr.TWA) and 2 ppm (STEL).

(See Section 8 "Exposure Controls / Personal Protection" for exposure guidelines)

3. HAZARDS IDENTIFICATION

- May cause temporary, mild mechanical irritation to the eyes, skin, nose and/or throat.
- Pre-existing skin and respiratory conditions may be aggravated by exposure.

4. FIRST AID MEASURES

RESPIRATORY TRACT (nose and throat) IRRITATION

If respiratory tract irritation develops, move the person to a dust free location. See Section 8 for additional measures to reduce or eliminate exposure.

EYE IRRITATION

If eyes become irritated, flush immediately with large amounts of lukewarm water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Do not rub eyes.

SKIN IRRITATION

If skin becomes irritated, remove soiled clothing. Do not rub or scratch exposed skin. Wash area of contact thoroughly with soap and water. Using a skin cream or lotion after washing may be helpful.

GASTROINTESTINAL IRRITATION

If gastrointestinal tract irritation develops, move the person to a dust free environment.

- If symptoms persist, seek medical attention. -

NOTE TO PHYSICIANS

Skin and respiratory effects are the result of temporary, mild mechanical irritation; fiber exposure does not result in allergic manifestations.

5. FIRE FIGHTING MEASURES

NFPA Codes: Flammability: 0, Health: 1, Reactivity: 0, Special: 0

NFPA Unusual Hazards: None

Flammable Properties: None

Flash Point: None

Hazardous Decomposition Products: None

Unusual Fire and Explosion Hazard: None

Extinguishing Media: Use extinguishing media suitable for type of surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES

Avoid creating airborne dust. Dust suppressing cleaning methods such as wet sweeping or vacuuming should be used to clean the work area. If vacuuming, the vacuum should be equipped with a HEPA filter. Compressed air or dry sweeping should not be used for cleaning.

7. HANDLING AND STORAGE

STORAGE

Store in original factory container in a dry area. Keep container closed when not in use.

HANDLING

Limit use of power tools unless in conjunction with local exhaust. Use hand tools whenever possible. Frequently clean the work area with HEPA filtered vacuum or wet sweeping to minimize the accumulation of debris. Do not use compressed air for clean-up.

EMPTY CONTAINERS

Do not reuse the container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

MANUFACTURER'S RECOMMENDATION

It is prudent to reduce exposure to respirable dusts to the lowest attainable level through the use of engineering controls such as ventilation and dust collection devices. Industrial hygiene standards and occupational exposure limits may vary between countries, state and local jurisdictions. Contact your employer to determine which exposure levels apply to your facility. If no regulatory dust or other standards apply, a qualified industrial hygienist can assist with a specific workplace evaluation including recommendations for respiratory protection. In the absence of such guidance, the manufacturer generally recommends the control of CMS wool exposures to 1 fiber/cc or less.

ENGINEERING CONTROLS

Use feasible engineering controls such as local exhaust ventilation, point of generation dust collection, down draft work stations, emission controlling tool designs, and materials handling equipment designed to minimize airborne fiber emissions.

PERSONAL PROTECTION EQUIPMENT

Skin Protection

Wear gloves, head coverings and full body clothing as necessary to prevent skin irritation. Washable or disposable clothing may be used. If possible, do not take unwashed work clothing home. If soiled work clothing must be taken home, employers should ensure employees are trained on the best practices to minimize or avoid non-work dust exposure (e.g., vacuum clothes before leaving the work area, wash work clothing separately, rinse washer before washing other household clothes, etc.).

Eye Protection

Wear safety glasses with side shields or other forms of eye protection in compliance with appropriate OSHA standards to prevent eye irritation. The use of contact lenses is not recommended, unless used in conjunction with appropriate eye protection. Do not touch eyes with soiled body parts or materials. If possible, have eye-washing facilities readily available where eye irritation can occur.

Respiratory Protection

When it is not possible or feasible to reduce respirable dust exposures through engineering controls, employees are encouraged to use good work practices together with respiratory protection. Comply with OSHA Respiratory Protection Standards, 29 CFR 1910.134 and 29 CFR 1926.103, for the particular hazard or airborne concentrations to be encountered in the work environment. For the most current information on respirator selection, contact your supplier.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR AND APPEARANCE:	White odorless material with a wool type appearance
CHEMICAL FAMILY:	Calcium, Magnesium, Silicate Mixture
BOILING POINT:	Not Applicable
WATER SOLUBILITY (%):	Slight
MELTING POINT:	1260°C (2300°F)
SPECIFIC GRAVITY RANGE:	2.5 - 3.0
VAPOR PRESSURE:	Not Applicable
pH:	Not Applicable
VAPOR DENSITY (Air = 1):	Not Applicable
% VOLATILE:	Not Applicable
MOLECULAR FORMULA:	Not Applicable

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under conditions of normal use
CHEMICAL INCOMPATIBILITIES:	Avoid contact with strong acids.
CONDITIONS TO AVOID:	None

HAZARDOUS DECOMPOSITION PRODUCTS: Burning the latex polymer may emit carbon monoxide, carbon dioxide, oxides of nitrogen and trace amounts of aromatic and aliphatic hydrocarbons.

HAZARDOUS POLYMERIZATION: Not applicable

11. TOXICOLOGICAL INFORMATION

TOXICOLOGY

CMS wools have been tested for their biopersistence using methods devised by the European Union. The results from these studies exonerate CMS wools from carcinogen classification under the criteria listed in Nota Q of European Commission Directive 97/69/EU.

In a lifetime carcinogenicity test, rats were exposed by inhalation for two years (5 days a week; 6 hours a day) to CMS fibers at 200 WHO fibers/ml. There was neither fibrosis nor carcinogenic response; only reversible cellular changes were seen. Further, subchronic inhalation studies on rats with CMS fibers at concentrations of 150 fibers (>20 µm long) per ml for 90 days with follow up to 1 year showed neither inflammation nor cell proliferation. All parameters studied returned rapidly to baseline levels on cessation of exposure.

After-service, CMS wools may contain crystalline phases including some forms of silica. (See Section 16) However, CMS fibers heated to 1000°C for 2 weeks were not cytotoxic to macrophage-like cells at concentrations up to 320 µg/cm². In the same test, samples of pure crystalline quartz were significantly active at 20 µg/cm².

EPIDEMIOLOGY

This material has not been the subject of an epidemiology study.

NOTE

Neither the International Agency for Research on Cancer (IARC) nor the National Toxicology Program nor any other U.S. regulatory or classification entity has evaluated CMS wool. Superwool products are members of a family of materials whose properties are distinct in several ways from other man-made mineral fibers. In October 2001 IARC re-reviewed Man-Made Vitreous Fibers and "elected not to make an overall evaluation of the newly developed fibers" [such as CMS wool] but recognized that "those that have been tested appear to have low carcinogenic potential in experimental animals."

While CMS wool is an inert material that does not react with the skin, exposures may cause temporary mild mechanical irritation to the eyes, skin, nose and/or throat (for First Aid Measures, see Section 4). Proper handling practices and the use of protective clothing (see Section 8) can minimize irritation.

12. ECOLOGICAL INFORMATION

No adverse effects of this material on the environment are anticipated.

13. DISPOSAL INFORMATION

WASTE MANAGEMENT

To prevent waste materials becoming airborne, a covered container or plastic bagging is recommended.

RCRA

CMS wool, as manufactured, is not classified as a hazardous waste according to Federal regulations (40 CFR 261). As manufactured, CMS wool was tested using EPA's Toxicity Characteristics Leaching Procedure (TCLP). Results showed there were no detectable contaminants or detectable leachable contaminants that exceeded the regulatory levels. Any processing, use, alteration or chemical additions to the product, as purchased, may alter the disposal requirements. Under Federal regulations, it is the waste generator's responsibility to properly characterize a waste material, to determine if it is a "hazardous" waste. Check local, regional, state or provincial regulations to identify all applicable disposal requirements.

14. TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

Hazard Class: Not regulated
Labels: Not applicable
Placards: Not applicable
Bill of Lading: Product name

United Nations (UN) Number: Not applicable
North America (NA) Number: Not applicable

INTERNATIONAL

Not classified as dangerous goods under ADR (road), RID (train), IATA (air) or IMDG (ship).

15. REGULATORY INFORMATION

UNITED STATES REGULATIONS

SARA Title III: This product does not contain any substances reportable under Sections 302, 304, 313 (40 CFR 372). Sections 311 and 312 apply.

OSHA: Comply with Hazard Communication Standards 29 CFR 1910.1200 and 29 CFR 1926.59 and Respiratory Protection Standards 29 CFR 1910.134 and 29 CFR 1926.103.

TSCA: CMS wools have been assigned two CAS numbers; however, they are not required to be listed on the TSCA inventory.

CERCLA: CMS wool contains fibers with an average diameter greater than one micron and thus is not considered a CERCLA hazardous substance.

CAA: CMS wool contains fibers with an average diameter greater than one micron and thus is not considered a hazardous air pollutant.

States: CMS wools are not known to be regulated by any State. If in doubt, contact your local regulatory agency.

INTERNATIONAL REGULATIONS

Canada WHMIS: No Canadian Workplace Hazardous Materials Information System categories apply to this product.

Canadian EPA: All substances in this product are listed, as required, on the Domestic Substance List (DSL).

European Union: These products are exonerated from any carcinogenic classification in the countries of the European Union under the provisions of Nota Q of the European Commission Directive 97/69/EC.

16. OTHER INFORMATION

Trace amounts of formaldehyde, acrylonitrile may be released from latex polymer during initial heating. Under normal conditions of handling, processing and use it is reasonable to expect the amount of acrylonitrile released to be below 1.0 ppm. Consult OSHA Standards on acrylonitrile and formaldehyde (29 CFR 1910.1045 and 29 CFR 1910.1048 respectively) for specific requirements if the exposure level is beyond the threshold levels.

SUPERWOOL™ DEVITRIFICATION

As produced, Superwools™ are vitreous (glassy) AES Wools that do not contain crystalline silica. Continued exposure to elevated temperatures (>900°C) may cause these materials to form crystalline phases, including crystalline silica. The occurrence and extent of crystalline silica formation is dependent on the duration and temperature of exposure, CMS Wool chemistry and/or the presence of fluxing agents. The presence of crystalline silica can be confirmed only through laboratory analysis of the "hot face" fiber. If crystalline silica is present, follow appropriate hygiene standards and national regulations.

Devitrified, after-service Superwool™, containing crystalline silica, has shown no adverse reactions in toxicity assays (See Section 11). These findings are consistent with IARC's evaluation, which states "Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1)" and additionally notes "carcinogenicity in humans was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs." (IARC Monograph Vol. 68, 1997).

Respirable dust from devitrified Superwool™ products can be controlled with ventilation, dust collectors or respiratory protection as detailed in Section 8 (above). Ventilation and respiratory protection should be provided in compliance with OSHA standards. The evaluation of workplace hazards and, if necessary, the identification of appropriate respiratory protection is best performed by qualified Industrial Hygienists.

For more information, call the Thermal Ceramics Product Stewardship Hotline (800-722-5681).

LABELING

As product information labels may be required on Superwool™ packages, check local destination regulations before shipping.

HMIS HAZARD RATING

HMIS Health: 1
HMIS Flammable: 0
HMIS Reactivity: 0

HMIS Personal Protective: To be determined by user

DEFINITIONS

ACGIH:	American Conference of Governmental Industrial Hygienists
ADR:	Carriage of Dangerous Goods by Road (International Regulation)
CAA:	Clean Air Act
CAS:	Chemical Abstracts Service Registry Number
CERCLA:	Comprehensive Environmental Response, Compensation and Liability Act
EPA:	Environmental Protection Agency
EU:	European Union
f/cc:	Fibers per cubic centimeter
HEPA:	High Efficiency Particulate Air
HMIS:	Hazardous Materials Identification System
IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association
IMDG:	International Maritime Dangerous Goods Code
mg/m³:	Milligrams per cubic meter of air
mppcf:	Million particles per cubic meter
MSHA:	Mine Safety and Health Administration
NFPA:	National Fire Protection Association
NIOSH:	National Institute for Occupational Safety and Health
OSHA:	Occupational Safety and Health Administration
PEL:	Permissible Exposure Limit
PNOC:	Particulates Not Otherwise Classified
PNOR:	Particulates Not Otherwise Regulated
RCRA:	Resource Conservation and Recovery Act
RID:	Carriage of Dangerous Goods by Rail (International Regulation)
SARA:	Superfund Amendments and Reauthorization Act
Title III:	Emergency Planning and Community Right to Know Act
...Section 302:	Extremely Hazardous Substances
...Section 304:	Emergency Release
...Section 311:	MSDS/List of Chemicals
...Section 312:	Emergency and Hazardous Inventory
...Section 313:	Toxic Chemicals Release Reporting
STEL:	Short-Term Exposure Limit
TCLP:	Toxicity Characteristics Leaching Procedures (EPA)
TLV:	Threshold Limit Values (ACGIH)
TSCA:	Toxic Substance Control Act
WHMIS:	Workplace Hazardous Materials Information System (Canada)
29 CFR 1910.134 & 1926.103:	OSHA Respiratory Protection Standards
29 CFR 1910.1200 & 1926.59:	OSHA Hazard Communication Standards

Revision Summary:**Section 1: Content revised.****Section 2: Alkaline-Earth Silicate Wool CAS number changed and content revised.****MSDS Prepared By: John Tillman Co.****DISCLAIMER**

The information presented herein is presented in good faith and believed to be accurate as of the effective date of this Material Safety Data Sheet. Employers may use this MSDS to supplement other information gathered by them in their efforts to assure the health and safety of their employees and the proper use of the product. This summary of the relevant data reflects professional judgment; employers should note that information perceived to be less relevant has not been included in this MSDS. Therefore, given the summary nature of this document, Thermal Ceramics does not extend any warranty (expressed or implied), assume any responsibility, or make any representation regarding the completeness of this information or its suitability for the purposes envisioned by the user.