

# MATERIAL SAFETY DATA SHEET

## STANLEY TOOLS - EAGLE SQUARE PLANT

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REVISED May 21, 1997

### PRODUCT IDENTIFICATION Refill Chalk, Blue

STANLEY PART NUMBERS 9L47403R, 9L47803R, 9N47103E, 9N47105E, 9N47403E, 9N47502R, 9N47803E, 9N47917E, 9N47935E

### COMPONENT MATERIALS:

This material is composed of a mixture of Calcium Carbonate and a coloring pigment. The Calcium Carbonate is at least eighty five percent (85%) by weight.

The Calcium Carbonate is supplied by:

Specialty Minerals Inc.  
The Chrysler Building  
405 Lexington Avenue  
New York NY 10174-1901

The trade name is VICRON 41-8 FG

The Pigment is supplied by:

Ferro Corporation  
P.O. Box 6550  
Cleveland, Ohio 44101

The pigment trade name is ULTRAMARINE BLUE

The pigment designation is Blue 29

Copies of each MSDS for the above mentioned material are attached and are part of this MSDS.

This cover sheet and the attached MSDS's are designed to meet requirements under the OSHA Hazard Communication Standard (29 CFR 1910.1200) and SARA Title III Section 313.

LIMESTONE  
REVISION DATE: 3/04/1997

MSDS ID: VICRON 41-8 FG  
PAGE: 1

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT NAME LIMESTONE	TRADE NAME VICRON® 41-8 FG
CHEMICAL NAME Calcium Carbonate	PRODUCT USE Food Preparation
CHEMICAL FAMILY Calcium Compound	CHEMICAL FORMULA CaCO <sub>3</sub>
CAS # 1317-65-3	
MANUFACTURER'S NAME Specialty Minerals Inc.	ADDRESS The Chrysler Building 405 Lexington Avenue New York, NY 10174-1901
EMERGENCY CONTACT Mike Larson	EMERGENCY TELEPHONE (610) 250-3039
EPA HAZARD CLASSES IMMEDIATE HEALTH 1 FIRE 0 REACTIVE 0	DELAYED HEALTH 1 PRESSURE 0
HAZARD RATING HEALTH 1 REACTIVITY 0	FLAMMABILITY 0 OTHER 2

SIMILAR PRODUCTS  
Vicron 15-15, Vicron 25-11, Vicron 31-6, Vicron 41-8, Vicron 10-20, Vicron 200, and Vicron 45-3

TRADEMARK INFORMATION  
\*Trademark of Minerals Technologies Inc., New York, New York. Specialty Minerals Inc. is a subsidiary of Minerals Technologies Inc.

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE DESCRIPTION	% wt/wt	CAS#
Limestone	95.0 - 98.0	1317-65-3
Quartz	0.1 - 1.0	14808-60-7

SECTION 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Dust may cause mechanical irritation to eyes and respiratory tract.

INHALATION ACUTE EXPOSURE EFFECTS

Inhalation of dust may cause sneezing, coughing, and nose irritation.

INHALATION CHRONIC EXPOSURE EFFECTS

This product contains small amounts of crystalline silica. Long-term exposure to crystalline silica causes silicosis, a form of pulmonary fibrosis. Continued exposure to crystalline silica can lead to cardiopulmonary impairment. Symptoms are usually delayed (10 years or more). Crystalline silica has been reviewed by IARC. IARC found limited evidence for carcinogenicity of crystalline silica in humans and sufficient evidence in experimental animals.

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SECTION 3. HAZARDS IDENTIFICATION  
(CONTINUED)  
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SKIN CONTACT ACUTE EXPOSURE EFFECTS  
The abrasiveness of the material may cause skin irritation.

EYE CONTACT ACUTE EXPOSURE EFFECTS  
Abrasion may cause eye irritation.

INGESTION ACUTE EXPOSURE EFFECTS  
May cause mild irritation of the gastrointestinal tract.

MEDICAL CONDITIONS AGGRAVATED  
Pre-existing chronic respiratory, skin, or eye diseases.

SYMPTOMS  
Inhalation: Excessive sneezing or coughing.  
Skin Contact: Dryness and/or mild irritation.  
Eye Contact: Mild irritation.  
Ingestion: Mild irritation.

PRIMARY ROUTE OF EXPOSURE  
Inhalation, ingestion, skin contact, eye contact.

TARGET ORGANS  
Eyes, Skin, and Respiratory Tract

CARCINOGENICITY  
IARC ....YES OSHA ....NO NTP ....YES ACGIH ....NO

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SECTION 4. FIRST AID MEASURES  
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INHALATION  
Remove exposed person to fresh air. If symptoms such as excessive sneezing or coughing develop, seek medical attention.

SKIN CONTACT  
Wash from skin with mild soap and water.

EYE CONTACT  
Flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

INGESTION  
Ingestion should not cause significant health problems. If a large amount of this material is ingested, and the person is conscious, give large quantities of water to induce vomiting. Get medical attention.

NOTE TO PHYSICIAN  
All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

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SECTION 5. FIRE FIGHTING MEASURES  
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FLASH POINT  
N/A F N/A C

FLASH METHOD  
N/A

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SECTION 5. FIRE FIGHTING MEASURES  
(CONTINUED)  
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UPPER EXPLOSION LIMIT  
N/A

LOWER EXPLOSION LIMIT  
N/A

AUTO IGNITION TEMPERATURE  
N/A °F            N/A °C

EXTINGUISHING METHOD  
Material is non-combustible. Follow fire extinguishing procedures for surrounding combustibles.

FIRE FIGHTING PROCEDURES  
Material is non-combustible. Follow fire fighting procedures for surrounding materials.

FIRE AND EXPLOSION HAZARDS  
Material is non-combustible and is not an explosive hazard.

HAZARDOUS PRODUCTS/COMBUSTION  
None known.

NFPA HEALTH RATING 1  
NFPA FLAMMABILITY 0

NFPA REACTIVITY 0  
NFPA OTHER

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SECTION 6. ACCIDENTAL RELEASE MEASURES  
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CLEAN-UP  
Provide adequate ventilation. Cleanup personnel should use protective equipment to reduce eye contact, inhalation of dust and prolonged skin contact. Use vacuum suction with HEPA filters to clean up spilled material. Use wet sweeping or a dust suppressant where sweeping is necessary. Personal safety, handling, and exposure recommendations described elsewhere in this data sheet apply to exposure during clean up of spilled material and must be followed.

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SECTION 7. HANDLING AND STORAGE  
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STORAGE  
Store in a cool, dry area.

HANDLING  
Avoid damaging container.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION  
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VENTILATION PROTECTION  
Provide adequate exhaust ventilation to meet exposure limit requirements. An exhaust filter system may be required to avoid environmental contamination.

RESPIRATORY PROTECTION  
When established airborne exposure limits are surpassed, wear NIOSH/MSHA approved respiratory equipment. Determine the appropriate type equipment for specific applications by consulting the respirator manufacturer. Observe the respirator use limitations specified by NIOSH/MSHA or the manufacturer. In addition, respiratory protection programs must comply with 29 CFR 1910.134. Engineering or administrative controls should be implemented to reduce exposure.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION  
(CONTINUED)

HAND PROTECTION  
Leather or impervious gloves.

EYE PROTECTION  
Safety glasses equipped with side shields or dust-tight goggles.

OTHER PROTECTION  
Wear long-sleeve clothing to avoid skin contact.

EXPOSURE LIMITS/REGULATORY INFORMATION  
(All Values Are In Units Of MG/M3)

SUBSTANCE DESCRIPTION	REG AGENCY	PEL	TLV	STEL	CEIL	REL
Limestone	OSHA	15.00	--	--	--	--
	MSHA	15.00	--	--	--	--
	ACGIH	--	10.00	--	--	--
	NIOSH	--	--	--	--	10.00
Quartz	OSHA	0.10	--	--	--	--
	MSHA	0.10	--	--	--	--
	ACGIH	--	0.10	--	--	--
	NIOSH	--	--	--	--	0.15

LEGEND:

EXPOSURE LIMIT DESCRIPTIONS  
CEIL CEILING EXP LIMIT - 15 MINUTES  
PEL PERMISSABLE EXP LIMIT-8 HR TWA  
REL RECOMMENDED EXP LIMIT-8 HR TWA  
STEL SHORT TERM EXP LIMIT-15 MINUTE  
TLV THRESHOLD LIMIT VALUE-8 HR TWA

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY 2.71	EVAPORATION RATE N/A
Dry Product	
VOLATILE % N/A	pH N/A
APPEARANCE & ODOR White powder, no odor	PRODUCT STATE Solid

SECTION 10. STABILITY AND REACTIVITY

INCOMPATIBILITIES  
Reacts with acid to liberate carbon dioxide gas.

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SECTION 10. STABILITY AND REACTIVITY  
(CONTINUED)

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DECOMPOSITION

Thermal oxidative decomposition of dolomitic limestone can produce dolomitic quicklime.

POLYMERIZATION

Hazardous polymerization will not occur.

CONDITIONS TO AVOID

Avoid excessive dust generation and contact with acids and other incompatibles.

STABILITY

Stable under normal conditions.

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SECTION 11. TOXICOLOGICAL INFORMATION

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INHALATION EFFECTS

None known.

DERMAL EFFECTS

None known.

EYE EFFECTS

None known.

INGESTION EFFECTS

None known.

OTHER EFFECTS

None known.

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SECTION 12. ECOLOGICAL INFORMATION

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ECOTOXICOLOGICAL INFORMATION

No information is currently available on this material.

DISTRIBUTION

No information is currently available on this material.

CHEMICAL FATE

No information is currently available on this material.

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SECTION 13. DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL

If this material becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D. State or local hazardous waste regulations may apply if they are different from the Federal regulations. The user should be aware that combining this material with another may alter this classification.

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SECTION 14. TRANSPORT INFORMATION

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DOT CLASS

Not regulated by U.S. Department of Transportation (DOT) or any other known transportation agencies. For transportation emergencies call CHEMTREC 24 hour information service at 1-800-424-9300.

SECTION 14. TRANSPORT INFORMATION  
(CONTINUED)

DOT SHIPPING NAME  
Calcium carbonate.

DOT LABEL  
Not required.

PACKING GROUP  
Not required.

UN REGISTER  
Not applicable.

ADDITIONAL DOT REQUIREMENTS  
None.

IMO CLASS  
Not applicable.

IMO LABEL  
Not required.

SECTION 15. REGULATORY INFORMATION

REGULATORY LISTINGS REVIEWED

Each component/ingredient of this product has been reviewed against the following regulatory listings:

CERCLA/SARA Section 302 Extremely Hazardous Substance List  
CERCLA/SARA Section 304 Hazardous Substance/RQ List  
CERCLA/SARA Section 313 Toxic Chemical List  
RCRA Toxicity Characteristic (D), P, and U Lists  
TSCA Inventory of Chemical Substances List  
CAA (1990) Hazardous Air Contaminants List  
Canadian Domestic Substances List  
Canadian Non-Domestic Substances List  
California Cancer, Developmental Toxicity, and Reproductive Lists  
New Jersey RTK, Special Hazardous Substance, and Environmental  
Hazardous Substance Lists  
Pennsylvania RTK and Special Hazardous Substance List  
Michigan Critical Substance List

Component Limestone is included on the following listings:

Environmental List	Threshold Planning Qty	Reportable Quantity	Unit of Measure
TSCA	--	--	--
NDSL	TSCA HAZARDOUS SUBSTANCES NON-DOMESTIC SUBST LIST-CANADA	--	--

Component Quartz is included on the following listings:

Environmental List	Threshold Planning Qty	Reportable Quantity	Unit of Measure
TSCA	--	--	--
DSE	TSCA HAZARDOUS SUBSTANCES DOMESTIC SUBST. LIST-CANADA	--	--