

Material Safety Data Sheet

Revised 7/05

Section I

Manufacturer's Name
Coatings For Industry, Inc.

Emergency Response #
1-800-535-5053

Address
319 Township Line Road
Souderton, PA 18964

Non-Emergency #
215-723-0919

Chemical Name & Synonyms
Alkali Metal Silicate/Graphite
Compound

Product and/or Trade Name
Alesal 360

Chemical Family
Alkali Metal Silicate/
Graphite Compound

Type, Grade and/or Class
Water Base Inorganic Coating

Section II - Composition

	%	TLV	CAS #
--Alkali Metal Silicate	10.0	PEL (OSHA) Particulates (Not Otherwise Regulated) 15 mg/m ³ , 8 hr. TWA, total dust 5 mg/m ³ , 8 hr. TWA, respirable dust	1312-76-1
-- Graphite	16.0		7782 42 5

Section III - Physical Properties

Boiling Point ~~~~~212° F.
Specific Gravity (H₂O = 1) ~~~~~ 1.04
Evaporation Rate ~~~~~ Not Applicable
Decomposition Rate ~~~~~ Not Applicable
Vapor Density (Air = 1) ~~~~~ Not Applicable
Freezing Point ~~~~~ 32° F.
Critical Temperature ~~~~~ Not Applicable

FIRST AID MEASURES (cont.)

Ingestion -

If swallowed, do not induce vomiting. Give large quantities of water. Call a physician. Never give anything by mouth to an unconscious person.

Inhalation -

If the product is allowed to dry and large amounts of dust are inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Section VI - Reactivity Data

Stability ~~~~~ Stable
Conditions to Avoid (stability) ~~~~~ Acids or strong alkali
Incompatibility (materials to avoid) ~~~~~ Acids or strong alkali
Hazardous Decomposition Products ~~~~~ None
Hazardous Polymerization ~~~~~ Will not occur
Conditions to Avoid (polymerization) ~~~~~ Not Applicable

Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled -
Use absorbing material to soak up.
Waste Handling and Disposal Method -
Filter to remove graphite and discard this as solid chemical waste in accordance with federal, state and local environmental control regulations.

Section VIII - Occupational Protective Measures

Respiratory Protection - Cartridge type mask such as Devilbiss model #MSP-508 or equal.
Ventilation - Local exhaust if spray applying.
Protective Gloves - Rubber-liquid proof.
Eye Protection - Chemical safety goggles.

Section IX - Special Precautions

Handling and Storage Precautions - Keep from strong alkali or acid as reaction with aluminum may produce hydrogen gas.
Other Precautions - Keep from freezing.

Section X - Transportation

Applicable Regulations ~~~~~ Not Regulated
Shipping Name ~~~~~ Class 55, Paint
I.D. Number ~~~~~ N/A
Report Qty. ~~~~~ N/A

Section X - Transportation (cont.)

Hazard Class ~~~~~ Non-hazardous
Labels Required ~~~~~ None
Unit Container ~~~~~ One Gallon Unit
D.O.T. SPSC Container ~~~~~ N/A
D.O.T. Exempt/DOD CCN ~~~~~ N/A
Limited Qty. ~~~~~ N/A
Aerosol Propellants ~~~~~ None

TSCA:

All ingredients of this product are listed, or are exempt from listing, on the TSCA Inventory.

**** This product contains no known or suspect carcinogens.****

NOTICE : This information is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Coatings For Industry, Inc. assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material, such vendees or users assume all risks associated with the use of the material. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws.