

MATERIAL SAFETY DATA SHEET

Georgia Steel & Chemical Co., Inc.
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Annapolis Junction, MD 20701

Product Information: (301) 317-5502
Emergency: (800) 296-0351
Document Number: MSDS106 Rev: H
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Section 1 – Identification	
Product Number:	AF351
Product Name:	Anti-Foam
Product Type:	Foam Reducing Agent

Hazard Rating	
Health	0
Fire	0
Reactivity	0
Personal Protective Equipment	B

Scale:	4- Extreme
	3- High
	2- Moderate
	1- Slight
	0- Insignificant

Section 2 – HAZARDOUS COMPONENTS	
Hazardous Materials (HAZMAT):	None Present. This is not a hazardous material as defined in the OSHA Hazard Communication Standard.
Other Ingredients	Silicone emulsion 3.5%

Section 3 – PHYSICAL / CHEMICAL CHARACTERISTICS			
Appearance:	Milky	Vapor Density:	Not Determined
Color:	Off white	Vapor Pressure:	Not Determined
State:	Liquid	Percent Volatile By Weight (%):	Not Determined
Odor:	Very Little Odor	Evaporation Rate (ETHER = 1):	N/A
pH:	Not Determined	Melting Point:	N/A
Viscosity:	Not Determined	Boiling Point:	212°F
Specific Gravity (H₂O = 1):	1.0 @ 25° C	Solubility in Water:	Miscible In Most Proportions
LC50:	*>=1000mg/L		

*Theoretical Value Only

Section 4 – FIRE AND EXPLOSION HAZARD DATA			
Flash Point:	> 212°F 100°C (Closed Cup)		
Special Fire Fighting Procedures:	Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.		
Unusual Fire and Explosion Hazards:	None Known		
Flammable limits:	Lower Level:	N/A	Upper Level: N/A

Section 5 – REACTIVITY DATA	
Stability:	Stable
Conditions to Avoid:	N/A
Materials to Avoid:	Oxidizing Material Can Cause Irritation
Hazardous Decomposition or Byproducts:	Sulfur Oxides, Nitrogen Oxides, Chlorine Compounds Silicon Dioxide, Carbon Dioxide, and Traces of Incompletely Burned Carbon Products
Hazardous Polymerization:	Will Not Occur

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Section 6 – HEALTH HAZARD DATA

Primary Route of exposure:	Eye, Skin, Inhalation, Ingestion
Health Effects of overexposure:	Eye: Direct contact may cause temporary discomfort with mild redness and dryness similar to windburn. Skin: A single relatively short exposure causes no known adverse effect. Severe repeated prolonged exposures (24 to 28 hours) might irritate. Inhalation: Irritates respiratory passages and eyes very slightly. Ingestion: Small amounts transferred to the mouth by fingers during use, etc., should not Injure. Swallowing large amount may cause digestive discomfort.
Signs or Symptoms of Overexposure (Acute):	-
Signs or Symptoms of Overexposure (Chronic):	No known adverse chronic health effects, but unnecessary exposure to any chemical should be avoided. This product, as with any chemical, may enhance allergic conditions in certain people. We do not know of any medical conditions that might be aggravated by exposure to this product. No Injury from silica dusts should occur during reasonable use. If use creates respirable particles some respiratory system Injury may occur.
Carcinogenicity:	-

Section 7 – SPILL OR LEAK PROCEDURES

Clean Up:	Use Absorbent Material to Collect and Contain for Salvage or Disposal
Disposal:	Georgia Steel & Chemical suggests that all local, state, and federal regulations concerning health and pollution be reviewed to determine approved disposal procedures. Contact Georgia Steel & Chemical if there are any questions on disposal. Product Contains No Ingredient Subject to D.O.T. or E.P.A. CERCLA/SARA Environmental Release Reporting Regulations.
Handling and Storage:	These precautions are for room temperature handling, use at elevated temperatures, or aerosol/spray application, may require added precautions. Good practice requires that gross amount of any chemical be removed from the skin as soon as practical, especially before eating or smoking. Keep from freezing. Use reasonable care and caution.

Section 8 – CONTROL MEASURES

Eye Protection:	USE PROPER PROTECTION-SAFETY GLASSES, as a Minimum
Skin Protection:	Washing at Mealtime and End of Shift Is Adequate
Repertory Protection:	No Respiratory Protection Should Be Needed
Ventilation Procedures:	Local exhaust

Section 9 – EMERGENCY AND FIRST AID PROCEDURES

Inhalation:	No First Aid Should Be Needed
Skin Contact:	Wipe Off And Flush With Water
Eye Contact:	Flush Immediately With Water
Ingestion:	No First Aid Should Be Needed
Notes for Physician:	-

Section 10 – ADDITION PRECAUTIONS

DOT:	Not Subject to D.O.T., IMDG or IATA
KEEP OUT OF THE REACH OF CHILDREN.	
TOXICOLOGICAL INFORMATION: No known applicable information	
Eco-toxicity data: None Available	

ABBREVIATIONS:	
ACGIH	= American Conference of Government Industrial Hygienists
IATA	= International Air Transport Association
ICAO	= International Civil Aviation Organization
OSHA	= Occupational Safety and Health Administration
PEL	= Permissible Exposure Limit
STEL	= Short-Term Exposure Limit
TLV	= Threshold Limit Value
TWA	= Time Weighted Average
WHIMS	= Workplace Hazardous Materials Information System
N/A	= Not Applicable
N/E	= Not Established

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, **NO WARRANTY EXPRESSED OR IMPLIED IS GIVEN FOR THE CONTINUING ACCURACY OF THIS INFORMATION.**