



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 11015

PRODUCT NAME: SECURE SEAL FT

USE: Final Seal pH Adjuster

SUPPLIER:

JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: E

CHEMICAL FAMILY: Acid

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Hexafluorotitanic acid	3-7	017439-11-1	not available	

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Neoprene

Eye: Safety Goggles

Footwear: Rubber boots

Respiratory: Canister gas mask

Other: Rubber apron, face shield

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Wear protective equipment. Avoid eye and skin contact.

VENTILATION REQUIREMENTS: General ventilation

INCOMPATIBILITY (Material to Avoid): Alkaline and chlorinated materials, aluminum and soft metals.

SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Soak up with absorbent material then wash area with water.

WASTE DISPOSAL: Dispose of according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container.

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IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear liquid

S.G. / BULK DENSITY(g/cc): 1.04

pH: 2.0

VAPOUR PRESSURE (mmHg): 17.3 @ 20°C

VAPOUR DENSITY (air=1): 17.3

ODOUR THRESHOLD: not available

BOILING POINT: >93.3°C

FREEZING POINT: <10°C

PERCENT VOLATILE: 94%

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE (water=1): not available

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: Corrosive. May cause severe irritation. May cause temporary or permanent damage if not treated promptly.

SKIN: Corrosive. May cause severe irritation. May cause temporary or permanent damage if not treated promptly. May cause ulcerations of the skin and possible fluoride absorption if not treated promptly.

INGESTION: Corrosive. May cause severe irritation of the digestive tract. May cause permanent damage if not treated promptly.

INHALATION: Corrosive. May cause severe irritation.

LD50 (calculated): not available

LC50 (calculated): not available

OTHER TOXIC EFFECTS: None known	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: None known	
VI - FIRST AID MEASURES	
EYES:	Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.
SKIN:	Flush affected area thoroughly with water. Contact a physician immediately.
INGESTION:	Drink large volumes of water or milk. Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.
INHALATION:	Remove patient to fresh air. Get medical attention for any breathing difficulty.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: No	
FLASH POINT, °C: not applicable	AUTO IGNITION TEMPERATURE, °C: not applicable
EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: Hydrogen fluoride and fluoride compounds.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: Excessive heat	
INCOMPATIBILITY (Material to Avoid) : Alkali and chlorinated materials, aluminum and soft metals.	
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen fluoride. Contact with aluminum or soft metals forms flammable hydrogen gas. Contact with alkali will generate heat.	
REACTIVITY: Not dangerously reactive.	
IX - MSDS PREPARATION	
SOURCES USED: Supplier MSDS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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