

MATERIAL SAFETY DATA SHEET

MANUFACTURER: NOFIRE TECHNOLOGIES, INC.

21 INDUSTRIAL AVENUE, UPPER SADDLE RIVER, NJ 07458

PRODUCT : NOFIRE® A-18 NV INTUMESCENT FIRE PROTECTIVE COATING

SECTION I - HAZARDOUS INGREDIENT

TITANIUM DIOXIDE WHITE, ODORLESS POWDER CAS# 1346-67-7
(TiO₂)

EXPOSURE LIMITS:

PEL (OSHA)	15MG/M ³ , TOTAL DUST, 8 HR TWA
TLV (ACGIH)	10MG/ M ³ , TOTAL DUST, 8 HR TWA, A4
AEL (DUPONT)	10MG/ M ³ , TOTAL DUST, 8 HR TWA
	5MG/ M ³ , RESPIRABLE DUST, 8 HR. TWA

U.S.FEDERAL REGISTRATION

TITLE III HAZARD CLASSIFICATION SECTION 311, 312

ACUTE:	NO
CHRONIC:	NO
FIRE:	NO
REACTIVITY:	NO
PRESSURE:	NO
EXTREMELY HAZARDOUS SUBSTANCE:	NO
CERCLA HAZARDOUS SUBSTANCE:	NO
TOXIC CHEMICAL:	NO

NPCA-HMIS RATING

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

SECTION II - PHYSICAL DATA

BOILING RANGE - 212 F (WATER) %VOLATILE VOLUME: N/A
WEIGHT/GAL. - 11-12 LBS.
EVAPORATION RATE: SLOWER THAN ETHER VAPOR DENSITY: N/A

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: NOT FLAMMABLE
UNUSUAL FIRE AND EXPLOSION HAZARDS: CLOSED CONTAINERS MAY EXPLODE DUE TO A BUILD UP OF STEAM PRESSURE WHEN EXPOSED TO EXTREME HEAT.
SPECIAL FIRE FIGHTING PROCEDURES: N/A

SECTION IV - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: ACUTE HYPERSENSITIVE INDIVIDUALS MAY EXPERIENCE SOME SKIN SENSITIZATION OR IRRITATION.
CHRONIC: NONE KNOWN
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: NONE KNOWN.
PRIMARY ROUTES OF ENTRY: DERMAL INHALATION INGESTION
EMERGENCY & FIRST AID PROCEDURES: EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNT OF WATER FOR 15 MINUTES. TAKE TO PHYSICIAN FOR MEDICAL TREATMENT; SKIN: WASH AFFECTED AREAS WITH SOAP & WATER. CONSULT PHYSICIAN IF IRRITATION PERSISTS; INGESTION: DRINK 1 OR 2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. CONSULT PHYSICIAN IMMEDIATELY.

SECTION V - REACTIVITY DATA

STABILITY: UNSTABLE STABLE
HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON
CONDITIONS TO AVOID: N/A

SECTION VI - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

USE ABSORBENT MATERIAL SUCH AS SAND TO PICK UP EXCESS, WASH AREA WITH SOAP AND WATER.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
BEFORE ATTEMPTING CLEAN-UP, REFER TO HAZARD CAUTION INFORMATION IN OTHER SECTIONS OF THIS SHEET.

SECTION VII - SAFE HANDLING & USE INFORMATION

RESPIRATORY PROTECTION: NONE REQUIRED

VENTILATION: OPEN WINDOW

PROTECTIVE GLOVES: NONE REQUIRED

EYE PROTECTION: SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT: FULL LENGTH CLOTHING TO AVOID PROLONGED & REPEATED CONTACT.

SECTION VIII - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE CONTAINERS BETWEEN 40 AND 100 ° F.

PROTECT FROM FREEZING.

OTHER PRECAUTIONS: NONE

OTHER INFORMATION

NPCA-HMIS RATING

HEALTH:	1
FLAMMABILITY:	0
REACTIVITY:	0
PERSONAL PROTECTION:	8