View NSN Online: https://aerobasegroup.com/nsn/3439-01-425-8413 PRAXAIR SURFACE TECHNOLOGIES INC -- ALO-159 (PRODUCT CODE 061026-05) 3439-01-425-8413 Product ID:ALO-159 (PRODUCT CODE 061026-05) MSDS Date:01/22/1992 FSC:3439 NIIN:01-425-8413 Status Code:A **MSDS Number: CJTHW** === Responsible Party === Company Name: PRAXAIR SURFACE TECHNOLOGIES INC Address:1555 MAIN STREET **City:INDIANAPOLIS** State:IN ZIP:46224-3283 Country:US Т nfo Phone Num:317-240-2650 Emergency Phone Num:317-240-2209 Preparer's Name: DELMAR BEIGHT Chemtrec Ind/Phone:(800)424-9300 CAGE:0FGH2 === Contractor Identification === Company Name: PRAXAIR SURFACE TECHNOLOGIES INC Address:1555 MAIN STREET Box:City:INDIANAPOLIS State:IN ZIP:46224-3283 Country:US Phone:317-240-2650 CAGE:0FGH2 Company Name: STARGHILL TECHNOLOGIES CORP Address:3850 OAKMAN BLVD Box:City:DETROIT State:MI ZIP:48204-1119 Country:US Phone:313-933-4141 Contract Num:SP0490-95-D-4037 CAGE:0V

Ingred Name:ALUMINUM OXIDE CAS:1344-28-1 RTECS #:BD1200000 > Wt:75. OSHA PEL:15 MG/M3 ACGIH TLV:10 MG/M3

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:SKIN CONTACT: MAY CAUSE IRRITATION. EYE CONTACT: MAY CAUSE IRRITATION. SKIN ABSORPTION MAY SHOW

EVIDENCE OF IRRITATION. INHALATION: MAY CAUSE INCREASE IN BLOOD WHITE CELL COUNTS. EFFECTS OF PEPEATED O VEREXPOSURE: MAY CAUSE SKIN SENSITIZATION IN SUSCEPTABLE INDIVIDUALS. MAY CAUSE SKIN SENSITIZATION IN SUSCEPTABLE INDIVIDUALS. MAY CAUSE DERMATITIS PAPULES.

Explanation of Carcinogenicity:NONE CURRENTLY KNOWN

Effects of Overexposure:EYE CONTACT: MAY EXPERIENCE REDNESS OF THE CONJUNCTIVA. SWALLOWING: MAY CAUSE NAUSEA. INHALATION: MAY CAUSE FEVER AND/OR COUGH.

Medical C

ond Aggravated by Exposure:BREATHING OF DUST MAY AGGRAVATE ASTHMA AND INFLAMMATORY OR FIBROTIC PULMONARY DISEASE. MAY ALSO AGGRAVATE AN EXISTING DERMATITIS.

First Aid:SKIN: WASH THOROUGHLY WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. OXYGEN MAY BE GIVEN. CALL A PHYSICIAN. EYES:FLUSH THOROUGHLY WITH WATER. SWA LLOWING: NO HARMFUL EFFECTS EXPECTED. NOT E TO PHYSICIAN:

THERE IS NO SPECIFIC ANTIDOTE. TREATMENT OF OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION.

Flash Point:NONE Lower Limits:NONE Upper Limits:NONE Extinguishing Media:USE SPECIAL DRY POWDER METAL EXTINGUISHING MATERIAL TO EXTINGUISH METAL FIRES. USE APPROPRIATE EXTINGUISHER TO EXTINGUISH COMBUSTABLE MATERIALS THAT MAY BE IGNITED BY THERMAL FLAME.

Fire Fi

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ghting Procedures:CONSULT AND COMPLY WITH ANSI Z49.1 SAFETY IN WELDING AND CUTTING, NFPA51B STANDARD FOR FIRE PREVENTION IN USE OF CUTTING AND WELDING PROCESSES. NFPA51B OXYGEN-FUEL GAS SYSTEMS FOR WELDING AND CUTTING, AND NFPA58 STANDARD FOR THE STORAGE AND HANDLING OF LIQUIFIED PETROLEUM GASES.

Unusual Fire/Explosion Hazard:AIRBORNE DUST PARTICLES, ESPECIALLY METAL DUST, AND ACCUMULATION OF SUCH SHOULD BE TREATED AS EXPLOSIVES. TO MINIMIZE DANGER FROM DUST EXPLOSIONS,

ADEQUATE VENTILATION SHOULD

BE PROVIDED TO SPRAY BOOT H IN ACCORDANCE WITH AMERICAN WELDING SOCIETY PUBLICATION AWSC2.1-73, AND ACGIH PUBLICATION "INDUSTRIAL VENTILATION".

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT TO PROTECT AGAINST HAZARDS AND DISPOSE OF PER WASTE DISPOSAL METHOD.

Other Precautions:CAUTION: WHEN THERMAL SPRAYING - E LECTRICITY CAN

CAUSE FATAL SHOCK! DO NOT TOUCH LIVE ELECTRICAL PARTS! ARC RAYS CAN BURN EYES AND SKIN! WEAR RECOMMENDED EYE AND BODY PROTECTION. FUMES, GAS, & DUST CA N HARM YOUR HEALTH. PROVIDE ENOUGH VENTILATION AND WEAR RESPIRATORS.

======= Exposure Controls/Personal Protection ===============

Respiratory Protection:DEPENDS UPON SPECIFIC USE, CONDITION, AND LOCATION. IF THERE IS DUSTINESS, WEAR RESPIRATOR SELECTED PER OSHA 1910.134, AND OSHA 29 CFR 1910.252 AN
D ANSI Z49.1
Ventilation:LOCAL DUST PICK UP AND VENTILATION RECOMMENDED.
Protective Gloves:NOT REQUIRED.
Eye Protection:WHEN DUSTY USE GOGGLES PER OSHA 1910.13.
Other Protective Equipment:SEE ANSI Z49.1, ANSI Z87.1, ANSI Z88.2 FOR HELMETS, FACE SHIELDS AND GOGGLES.
Supplemental Safety and Health
CAUTION: WHEN THERMAL SPRAYING-ELECTRICITY CAN CAUSE FATAL SHOCK! DO NOT TOUCH LIVE ELECTRICAL PARTS! ARC RAYS CAN BURN EYES AND SKIN! WEAR RECOMMENDED EYE ANDBODY PROTECTION. FUMES, GAS, AND

DUST CAN	
HARM YOUR HEALTH. PROVIDE ENOUGH VENTILATION AND WEA	١R
RESPIRATORS.(OTHER INFO)	

HCC:N1 Boiling Pt:B.P. Text:NONE Vapor Density:N/VOLATILE Appearance and Odor:FINE BUFF COLR POWDER
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Stability Indicator/Materials to Avoid:YES NONE KNOWN
Stability Condition to Avoid:NONE KNOWN Hazardous Decomposition Products:WHEN THERMAL SPRAYING, DECOMPOSITI ON
PRODUCTS WILL VARY WITH OPERATING CONDITIONS. DECOMPOSITION PRODUCTS OF NORMAL OPERATION FROM THIS THERMAL SPRAY POWDER- OXIDES, SUB-OXIDES, ETC.
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Waste Disposal Methods: DISPOSE OF WASTE PER LOCAL, STATE, AND FEDERAL REGULATIONS.
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Transport Information: PROPER SHIPPING NAME: METAL ALLOY POWDER NOI ITEN 136500 SUB 1.
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SARA Title III Information:NONE Federal Regulatory Information:NONE State Regulatory Information:NONE

NOI ITEM

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