

TRANSDIGM INC, ADEL FASTENERS DIV ADEL/WIGGINS GROUP -- 588CS7, LOOP CLAMPS --
5340-00-931-7219

===== Product Identification =====

Product ID:588CS7, LOOP CLAMPS

MSDS Date:10/06/1999

FSC:5340

NIIN:00-931-7219

Status Code:A

MSDS Number: CJPCZ

=== Responsible Party ===

Company Name:TRANSDIGM INC, ADEL FASTENERS DIV ADEL/WIGGINS GROUP

Address:5000 TRIGGS ST

City:LOS ANGELES

State:CA

ZIP:90022

Country:US

Info Phone Num:213-526-0845

Emergency Phone Num:315-597-4811

Preparer's Name:DLA-HMIS

CAGE:83930

=== Contractor Identification ===

Company Name:TRANSDIGM INC, ADEL FASTENERS DIV ADEL/WIGGINS GROUP

Address:5000 TRIGGS ST

Box:City:LOS ANGELES

State:CA

ZIP:90022

Country:US

Phone:213-526-0845

CAGE:83930

===== Composition/Information on Ingredients =====

Ingred Name:ASBESTOS, CHRYSOTILE

CAS:12001-29-5

RTECS #:CI6478500

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.2 FIBERS/CC

ACGIH TLV:2 FIBERS/CC; A1;9192

Ingred Name:STEEL COMP (1008,OR 100

9, OR 1015, OR 1018, OR 1020) BAND

Ingred Name:CADMIUM BAND

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:DUST FROM ABRASIVE ACTIONS (E.G.

CUTTING, MACHINING, FILING, BRAZING AND WELDING, ETC.) MAY CONTAIN

ASBESTOS FIBERS, METAL FUMES AND DUST, WHICH MAY CAUSE IRRITATION

OF NOSE AND THROAT, METAL FUME FEV ER. CHRON

IC OVEREXPOSURE TO

AIRBORNE FIBERS MAY LEAD TO ASBESTOSIS AND MESOTHELIOMA. SMOKING

COMBINED WITH FIBER INHALATION GREATLY INCREASES LUNG CANCER RISK!

Explanation of Carcinogenicity:ASBESTOS: LSITED BY OSHA, ACGIH (A1),

IARC (1) AND NIOSH (1). CADMIUM : ACGIH (A2), IARC (1) AND OSHA

Effects of Overexposure:INHALATION: INHALATION OF AIRBORNE DUST

CONTAINING ASBESTOS FIBERS, METAL DUST AND FUMES CAN CAUSE

IRRITATION OF NOSE, THROAT. SKIN: UNKNOWN. EYES: POTENTIAL

IRRITATION

FROM AIRBORNE DUST. INGESTION: UNKNOWN.

Medical Cond Aggravated by Exposure:PULMONARY DISEASES.

===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ADVICE. SKIN:

WASH EXPOSED AREA WITH SOAP AND WATER. EYES: FLOOD WITH WATER. IF

IRRITATION OCCURS, GET MEDICAL ATTENTION. INGESTION: CONSULT A

PHYSICIAN . OTHER: CHANGE CLOTHING AS REQUIRED TO AVOID CARRYING

DUST PARTICLES INTO OTHER AREAS.

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===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:MATERIAL IS NOT FLAMMABLE ; USE MEDIA APPROPRIATE
FOR SURROUNDING FIRE.

Fire Fighting Procedures:COMBUSTION PRODUCTS OF THIS MATERIAL MAY BE
TOXIC. USE A SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES
INVOLVING CHEMCIAL PRODUCTS.

Unusual Fire/Explosion Hazard:MAY PRODUCE THICK SMOKE WHEN LARGE
QUANTITIES ARE BURNED.

===== Accidental Release Measures =====

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Spill Release Procedures:USE PROPER PERSONAL PROTECTION. VACUUM OR WET CLEAN IF DUST IS INVOLVED. ANY VACUUM SYSTEM SHOULD BE EQUIPPED WITH AN OUTLET "HEPA" FILTER TO PREVENT REINTRODUCING ASBESTOS FIBERS TO THE ATMOSPHERE.
Neutralizing Agent:NOT APPLICABLE.

===== Handling and Storage =====

Handling and Storage Precautions:HANDLE IN A MANNER TO MINIMIZE FORMATION OR RETENTION OF AIRBORNE DUST. USE PROPER PERSONAL PROTECTION FOR TASK AT HAND. CHECK W/YOUR SAFETY OFFICE!!!
Other Precautions:AS MANUFACTURED, LOCKED-IN ASBESTOS DOES NOT PRESENT A HAZARD. ONLY WHEN THE ITEM IS SUBJECTED TO ABRASIVE ACTIONS & DUST IS GENERATED, THEN ASBESTOS FIBERS MAY BE RELEASED AND BECOME AIRBORNE.

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

Respiratory Protection:IF EXPOSURES EXCEED ESTABLISHED LIMITS, A NIOSH/MSHA APPROVED RESPIRATOR FOR ASBESTOS SHOULD BE USED. CONSULT YOUR SAFETY OFFICE/INDUSTRIAL HYGIENIST PERSONNEL FOR GUIDANCE FOR THE TASK AT HAND.
Ventilation:LOCAL EXHAUST IS RECOMMENDED IN SITUATIONS WHERE DUST IS GENERATED BY ABRASIVE ACTIONS, ABRASION OR OTHER MEANS.
Protective Gloves:AS REQUIRED FOR TASK AT HAND.
Eye Protection:SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES
Other Protective Equipment:AS REQUIRED FOR TASK AT HAND, AND THE GUIDANCE SET FORTH BY YOUR SAFETY OFFICE OR INDUSTRIAL HYGIENIST PERSONNEL.
Work Hygienic Practices:DO NOT INHALE DUST CREATED BY BRUISING ACTIONS.
USE FULL PROTECTION AGAINST AIRBORNE FIBERS. AVOID AIRBORNE DUST CREATION
Supplemental Safety and Health
ASBESTOS IS BONDED BY ELASTOMETER COMPOUND, HOWEVER, DO NOT MISUSE BY IMPROPER CUTTING OR HANDLING.

===== Physical/Chemical Properties =====

HCC:Z1
Evaporation Rate & Reference:NONE
Solubility in Water:NOT SOLUBLE
Appearance and Odor:SOLID CLAMP
Percent Volatiles by Volume:NONE

===== Stability and Reactivity Data =====

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Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid: DIRECT FLAME WILL IGNITE ELASTOMER
COMPOUND.
Hazardous Decomposition Products: CARBON MONOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods: DUST SHOULD BE HANDLED AS A HAZARDOUS AIR
POLLUTANT I/A/W 40CFR61 SUBPART "M" PERTAINING TO ASBESTOS. USE
LANDFILLS APPROVED FOR ASBESTOS DISPOSAL. NOTE IF ITEM UNDER
CONSIDERATION FOR
DISPOSAL IS "FRIABLE OR NON-FRIABLE". DISPOSE OF
IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information: NOT REGULATED

===== Regulatory Information =====

SARA Title III Information: RQ FOR ASBESTOS (FRIABLE FORM ONLY) = 1 LB. RQ
DOES NOT APPLY TO CADMIUM.

===== Other Information =====

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