

UNITEK/3M CORPORATION -- STAINLESS STEEL ORTHODONTIC ARCH WIRES -- 6520-01-153-6245

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

Product ID:STAINLESS STEEL ORTHODONTIC ARCH WIRES

MSDS Date:07/08/1991

FSC:6520

NIIN:01-153-6245

Status Code:A

MSDS Number: CLMDS

=== Responsible Party ===

Company Name:UNITEK/3M CORPORATION

Address:2724 SOUTH PECK ROAD

City:MONROVIA

State:CA

ZIP:91016

Info Phone Num:(818) 574-400

0

Emergency Phone Num:818-574-4000

Resp. Party Other MSDS Num.:12305

CAGE:FO556

=== Contractor Identification ===

Company Name:UNITEK/3M CORPORATION

Address:2724 SOUTH PECK ROAD

City:MONROVIA

State:CA

ZIP:91016

Phone:(818) 574-4000

CAGE:FO556

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

Ingred Name:CHROMIUM

CAS:7440-47-3

RTECS #:GB4200000

OSHA PEL:1 MG/M3

ACGIH TLV:0.1 MG/M3

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:NICKEL

CAS:7440-02-0

RTECS #:QR5950000

OSHA PEL:1

MG/M3
ACGIH TLV:1 MG/M3
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:IRON
CAS:7439-89-6
RTECS #:NO4565500
ACGIH TLV:10 MG/M3

Ingred Name:MANGANESE
CAS:7439-96-5
RTECS #:OO9275000
OSHA PEL:C5 MG/M3
ACGIH TLV:5 MG/M3 (DUST)

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES
Health Hazards Acute and Chronic:PROLONGED INHALTION OF NICKEL DUSTS
MAY CAUSE SERIOUS
RESPIRATORY ILLNESS. INHALTION MAY CAUSE
IRRITATION OF RESPIRATORY ORGANS IN SENSITIVE PERSONS. CHROMIUM HAS
BEEN DETERMINED BY THE IARC TO BE A S USPECTED CARCINOGEN.
Explanation of Carcinogenicity:CHROMIUM HAS BEEN DETERMINED BY THE IARC
TO BE A SUSPECTED CARCINOGEN.
Effects of Overexposure:PROLONGED INHALTION OF NICKEL DUSTS MAY CAUSE
SERIOUS RESPIRATORY ILLNESS. INHALTION MAY CAUSE IRRITATION OF
RESPIRATORY ORGANS IN SENSITIVE PERSONS. CHROMIUM HAS BEEN
DETERMINED BY
THE IARC TO BE A S USPECTED CARCINOGEN.
Medical Cond Aggravated by Exposure:AGGRAVATION OF PREEXISTING
RESPIRATORY OR ALLERGIC CONDITIONS MAY OCCUR IN SOME WORKERS

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

First Aid:INGESTION: INDUCE VOMITING, CONSULT PHYSICIAN. SKIN AND EYES:
WASH THOROUGHLY WITH WATER, CONSULT PHYSICIAN. INHALTION: REMOVE
FROM EXPOSURE, CONSULT PHYSICIAN.

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

Unusual Fi

re/Explosion Hazard:NONE

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

Spill Release Procedures:PICK-UP DUST OR POWDER SPILLS BY VACUUMING OR
WET MOPPING. AVOID DUST FORMATION.

Neutralizing Agent:NOT PROVIDED

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

Handling and Storage Precautions:NOT PROVIDED

Other Precautions:NOT PROVIDED

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

Respiratory Protection:USE APPROPRIATE NIOSH A
PPROVED RESPIRATOR IF

AIRBORNE DUST EXCEEDS APPROPRIATE TLV LIMIT.

Ventilation:GENERAL MECHANICAL. LOCAL EXHAUST IF REQUIRED.

Protective Gloves:NOT PROVIDED

Eye Protection:NOT PROVIDED

Other Protective Equipment:NOT PROVIDED

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

HCC OF N1 BASED ON FACT THAT ITEM IS ORTHODONTIC ARCH WIRE AND IS AN
ARTICLE UNDER OSHA HAZCOM.

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

HCC:N1

Solubility in Water:NONE

Appearance and Odor:METALLIC GREY, ODORLESS SOLID. STAINLESS STEEL
ORTHODONTIC ARCH WIRES.

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

Stability Indicator/Materials to Avoid:YES
NOT PROVIDED

Stability Condition to Avoid:MAY LIBERATE METAL FUMES, METAL OXIDES, OR
OTHER OXIDES IF EXPOSED TO ELEVATED TEMP. ACID PICKLING OF PRODUCT
MAY RESULT IN FORMATION OF HEXVALENT CHROMIUM WHICH IS HAZARDOUS.

Hazardous Decomposition Products:NOT PROVIDED

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= Toxicological Information =====

Toxicological Information:NOT PROVIDED

===== Ecological Information =====

Ecological:NOT PROVIDED

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL ENVIRONMENTAL REGULATIONS.

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

Transport Information:NOT PROVIDED

===== Regulat
ory Information =====

SARA Title III Information:CONTAINS CHROMIUM AND NICKEL WHICH ARE
SUBJECT TO SARA 313 REPORTING REQUIREMENTS. HOWEVER, PRODUCT IS
ORTHODONTIC ARCH WIRE WHICH IS PROBABLY AN ARTICLE.

Federal Regulatory Information:NOT PROVIDED

State Regulatory Information:NOT PROVIDED

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