

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) 574-40

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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)

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===== 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 SUSPECTED 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 SUSPECTED CARCINOGEN.  
Medical Cond Aggravated by Exposure:AGGRAVATION OF PREEXISTING  
RESPIRATORY OR ALLERGIC CONDITIONS MAY OCCUR IN SOME WORKERS

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===== 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.

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

Unusual F

ire/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 APPROVED 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

===== Regulatory 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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