

HENKEL CORP -- TOUCH-N-PREP (TM) COATINGS-ALODINE (R) 1132 -- 8030-01-460-0246

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Product Identification
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Product ID:TOUCH-N-PREP (TM) COATINGS-ALODINE (R) 1132

MSDS Date:11/11/1999

FSC:8030

NIIN:01-460-0246

Status Code:A

MSDS Number: CLRXC

=== Responsible Party ===

Company Name:HENKEL CORP

Address:32100 STEPHENSON HIGHWAY

City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Info Phone Num:

215-628-1000

Emergency Phone Num:248-583-9300

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:71410

=== Contractor Identification ===

Company Name:HENKEL CORP

Address:32100 STEPHENSON HIGHWAY

Box:City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Phone:215-628-1000

CAGE:71410

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Composition/Information on Ingredients
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Ingred Name:CHROMIUM PHOSPHATE

CAS:7789-04-0

< Wt:1.

Ingred Name:CHROMIUM(III) CHROMATE

CAS:24613-89-6

< Wt:1.

Ingred Name:C

CHROMIC ACID (H2CRO4)

CAS:7738-94-5

RTECS #:GB2450000

< Wt:1.

OSHA PEL:SEE TABLE Z-2

ACGIH TLV:0.05 MG/M3

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:WARNING ! CANCER HAZARD. THIS PRODUCT
MAY BE SEVERELY IRRITATING TO THE EYES. THIS PRODUCT MAY CAUSE
IRRITATION TO THE SKIN.EYE CONTACT: THIS PRODUCT MAY BE SEVERELY
IRRITATING TO T

HE EYES. SKIN CONTACT: THIS PRODUCT MAY CAUSE
IRRITATION TO THE SKIN. INGESTION: THIS PRODUCT MAY PRODUCE
CORROSIVE DAMAGE TO THE GASTROINTESTINAL TRACT IF IT IS SWALLOWED.
INHALATION: THIS PRODUCT MAY CAUSE IRRITATION TO THE RESPIRATORY
SYSTEM.

Medical Cond Aggravated by Exposure:PRE-EXISTING EYE, SKIN AND
RESPIRATORY DISORDERS.

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

First Aid:EYE CONTACT: RINSE IMMEDIATELY WITH PLENTY OF WATER FOR 15
MI

NUTES. AND SEEK IMMEDIATE MEDICAL ATTENTION.SKIN CONTACT: FLUSH
WITH LARGE AMOUNTS OF WATER.SEEK IMMEDIATE MEDICAL ATTENTION.
INGESTION:IF THE MATERIAL IS SWALLOWED, GET IMMEDIATE MEDICAL
ATTENTION OR ADVICE DO NOT INDUCE VOMITING.GIVE ONE TO TWO GLASSES
OF WATER OR MILK. INHALATION: REMOVE PERSON IMMEDIATELY TO FRESH
AIR. SEEK MEDICAL ATTENTION IF SYMPTOMS DEVELOP OR PERSIST.

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

Extinguishing Media:USE ANY
MEDIA SUITABLE FOR THE SURROUNDING FIRES.

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE
CLOTHING INCLUDING SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:IF EVAPORATED TO DRYNESS, SOLID RESIDUE
IS AN OXIDIZING AGENT AND MAY CAUSE SPONTANEOUS IGNITION OF
COMBUSTIBLE MATERIALS. CLOTHING OR OTHER MATERIAL WET WITH THIS
PRODUCT AND ALLOWED TO DRY MAY BECOME FLAMMABLE.

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

Spill

Release Procedures:STOP THE FLOW OF MATERIAL, IF THIS IS WITHOUT RISK. WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND CLOTHING DURING CLEAN UP. ABSORB SPILL WITH INERT MATERIAL. SHOVEL MATERIAL INTO APPROPRIATE CONTAINER FO R DISPOSAL. DISPOSE OF COLLECTED MATERIAL ACCORDING TO REGULATION.

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

Handling and Storage Precautions:DO NOT GET THIS MATERIAL IN YOUR EYES, ON YOUR SKIN, OR ON YOUR CLOTHING.WASH THOROUGHLY A FTER HANDLING.

STORAGE: KEEP CONTAINER TIGHTLY CLOSED AND IN A COOL, WELL-VENTILATED PLACE AWAY FROM INCOMPAT IBLE MATERIALS, DO NOT FREEZE.

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

Respiratory Protection:IF VENTILATION IS NOT SUFFICIENT TO EFFECTIVELY PREVENT BUILD UP OF AEROSOLS OF VAPORS, APPROPRIATE NIOSH/MSHA RESPIRATORY PROTECTION MUST BE PROVIDED.

Ventilation:VENTILATION SHOULD EFFECTIVELY REMOVE AND PREVENT BUILDUP OF ANY VAPOR OR MIST GENERATED FROM THE HANDLING OF THIS PRODUCT.

Protective Gloves:USE IMPERVIOUS GLOVES. BUTYL, NEOPRENE, PVC OR NITRILE GLOVES RECOMMENDED.

Eye Protection:WEAR CHEMICAL GOGGLES; FACE SHIELD (IF SPLASHING IS POSSIBLE).

Other Protective Equipment:EYE WASH FOUNTAIN AND EMERGENCY SHOWERS ARE RECOMMENDED.

Supplemental Safety and Health

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

Boiling Pt:>100.C, 212.F

Spec Gravity:1.1-1.2

pH:2.2

Solubility in Water:COMPLETE

Appearance and Odor:BROWN LIQUID MILD

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

Stability Indicator/Materials to Avoid:YES

MATERIALS, OILS, GREASES, AND ANY OXIDIZABLE MATERIALS.

Stability Condition to Avoid:DO NOT ALLOW CHEMICAL TO DRY IN THE PRESENCE OF ORGANIC MATERIALS. AVOID CONTACT WITH ORGANIC

Hazardous Decomposition Products:IRRITATING AND TOXIC GASES OR FUMES MAY BE RELEASED DURING A FIRE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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===== Toxicological Information =====

Toxicological Information:CHRONIC TOXICITY: CHROMIUM III, THE NATURALLY OCCURRING FORM, HAS LOW TOXICITY WHILE CHROMIUM VI IS HIGHLY TOXIC DUE TO STRONG OXIDATION CHARECTERISTICS AND PERMEABILITY THROUGH BIOLOGICAL MEMBRANES. E XCESSIVE EXPOSURE TO CHROMIUM VI CAN PRODUCE ALLERGIC SKIN REACTIONS AND SEVERE NASAL IRRITATION, SCARRING AND DAMAGE TO THE LUNGS, LIVER AND KIDNEY DAMAGE.

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

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL ACCORDING TO REGULATION.

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

Transport Information:NOT REGULATED FOR TRANSPORTATION

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

SARA Title III Information:NOT RELEVANT
Federal Regulatory Information:NOT RELEVANT
State Regulatory Information:NOT PROVIDED

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