

AMERICAN LASER INC -- EX,LASERJET 4,R 64-0002-010 -- 6850-01-376-1766

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

Product ID:EX,LASERJET 4,R 64-0002-010

MSDS Date:05/01/1996

FSC:6850

NIIN:01-376-1766

MSDS Number: BZNMQ

=== Responsible Party ===

Company Name:AMERICAN LASER INC

Address:1007 RIPLEY ST

City:SILVER SPRING

State:MD

ZIP:20910

Country:US

Info Phone Num:301-588-4850/800-258-6637

Emergency Phone Num

:301-588-4850/800-258-6637

CAGE:0S0F8

=== Contractor Identification ===

Company Name:AMERICAN LASER INC

Address:1007 RIPLEY ST

Box:City:SILVER SPRING

State:MD

ZIP:20910

Country:US

Phone:301-588-4850

CAGE:0S0F8

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

Ingred Name:STYRENE ACRYLATE COPOLYMER

Fraction by Wt: 55 - 65%

Other REC Limits:NONE RECOMMENDED

Ingred Name:IRON OXIDE

CAS:1317-61-9

Fraction by Wt: 30 - 40%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG/M3

ACGIH

TLV:5 MG/M3

Ingred Name:SALICYLIC ACID CHROMIUM (III) CHELATE

CAS:72869-85-3

Fraction by Wt: 1 - 3%

Other REC Limits:0.5 MG/M3 AS CR(MFR)

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, RESPIRATORY TRACT.

ACUTE- EYES:NO SPECIFIC HAZARD KNOWN. MAY CAUSE TRANSIENT

IRRITATION. SKIN:LOW HAZARD FOR INDUSTRIAL HANDLING.

INHALE:GASPING. ORAL:EXPECTED TO BE A LOW INGESTION HAZARD.

CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:TRANSIENT EYE IRRITATION, GASPING, COUGHING

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING EYE

PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid

d:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH

AIR. EYES:FLUSH WITH PLENTY OF WATER, HOLDING EYELIDS OPEN.

SKIN:WASH WITH SOAP & WATER. ORAL:SEEK MEDICAL ATTENTION.

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

Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED

SELF-CONTAINED BREATHING APPARATUS.

HAZARDOUS DECOMPOSITION PRODUCTS MAY BE FORMED.

Unusual Fire/Explosion Hazard:AS WITH ANY FINELY DIVIDED ORGANIC SOLID,

DUST MAY BE EXPLOSIVE IF MIXED WITH AIR IN CRITICAL PROPORTIONS AND IN THE PRESENCE OF AN IGNITION SOURCE.

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

Spill Release Procedures:CAREFULLY, SWEEP MATERIAL ONTO PAPER AND PLACE IN A FIBER CARTON. CLEAN SPILL AREA THOROUGHLY TO

REMOVE RESIDUAL

CONTAMINATION. DO NOT USE A VACUUM CLEANER TO CLEAN UP SPILL OF POWDERED TONERS. THE VE RY FINE PARTICLES CAN CAUSE A FIRE OR EXPLOSION.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. STORE AWAY FROM STRONG OXIDIZING AGENTS. MINIMIZE DUST GENERATION AND ACCUMULATION.

Other Precautions:AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THORO UGHLY AFTER HANDLING. KEEP OUT OF REACH OF CHILDREN. DO NOT BREATHE DUST.

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

Respiratory Protection:NONE SHOULD BE NEEDED.

Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 4-6 RM VALUME/HR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS.

Protective Gloves:RUBBER/LATEX FOR REPEATED CONTACT

Eye Protection:GOGGLES RECOMMENDED

Other Protective Equipment:EYE BATH, WASHING FACILITIES, SAFETY SHOWER

Work Hygien

ic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.

Supplemental Safety and Health

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P Text:212-302F

Spec Gravity:1.4 - 1.5

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK POWDER - SLIGHT PLASTIC ODOR

==== Stabil

ity and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: DUST FORMATION

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
OXIDES OF IRON

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

Waste Disposal Methods: DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT
TO FEDERAL, STATE OR LOCAL REGULATIONS. INCINERATE.

Disclaimer (provided with this information by the compiling a
gencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.