

HARRINGTON INC,TONER MFG DIV -- HARRINGTON 9201-TYPE H ELECTROGRAPHIC LIQUID
TONER PREMIX -- 6850-01-173-3992

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

Product ID:HARRINGTON 9201-TYPE H ELECTROGRAPHIC LIQUID TONER PREMIX

MSDS Date:12/13/1993

FSC:6850

NIIN:01-173-3992

MSDS Number: BSFSV

=== Responsible Party ===

Company Name:HARRINGTON INC,TONER MFG DIV

Address:38 SAGINAW DR

Box:92490

City:ROCHESTER

Stat

e:NY

ZIP:14692-0490

Country:US

Info Phone Num:716-473-9551

Emergency Phone Num:716-473-9551

CAGE:NO126

=== Contractor Identification ===

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CAGE:5J804

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

Ingre

d Name:MINERAL SPIRITS/ISOPARAFFINIC HYDROCARBON SOLVENT

CAS:64475-85-0

RTECS #:PY8240000

Fraction by Wt: 90%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:PIGMENT, TRADE SECRET

Other REC Limits:NONE SPECIFIED

Ingred Name:POLYMER,TRADE SECRET

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >10 G/KG.

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

estion:YES

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

Health Hazards Acute and Chronic:EYES: NOT AN IRRITANT. SKIN: NON-

SENSITIZING. MAY CAUSE IRRITATION AND DERMATITIS WITH PROLONGED CONTACT. INHALATION: INTENTIONAL INHALATION MAY RESULT IN ABNORMAL HEART RHYTHMS, RESPIRATORY ARREST, CNS TOXICITY. INGESTION: POSES MAXIMUM RISK OF SEVERE RESPIRATORY DISTRESS BY ASPIRATION AS WELL AS CNS DEPRESSION.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:EYES: NOT AN IRRITANT. SKIN: IRRITATION, DERMATITIS. INHALATION: ABNORMAL HEART RHYTHMS, RESPIRATORY ARREST, CENTRAL NERVOUS SYSTEM TOXICITY. INGESTION: CENTRAL NERVOUS SYSTEM DEPRESSION.

Medical Cond Aggravated by Exposure:NONE WHEN USED AS INTENDED WITH PLOTTER/ PRINTERS ENGINEERING SYSTEMS PRODUCTS.

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

First Aid:EYES: FLUSH WITH

LARGE AMOUNTS OF WATER. IF SYMPTOMS DEVELOP, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. OBSERVE FOR DIFFICULTY IN BREATHING.GET MEDICAL ATTENTION AS NEEDED. INGESTION: DILUTE STOMACH WITH SEVERAL GLASSES OF WATER.DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Metho

d:TCC
Flash Point:102F,39C
Lower Limits:0.5
Upper Limits:7.0
Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER FOG.
Fire Fighting Procedures:USE AIR-SUPPLIED BREATHING EQUIPMENT FOR
ENCLOSED AREAS. COOL EXPOSED CONTAINERS WITH WATER SPRAY. AVOID
BREATHING VAPORS OR FUMES.
Unusual Fire/Explosion Hazard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. RECOVER FREE LIQUID
USING AN ABSORBENT MATERIAL (VERMICULITE, FIRE RETARDENT SAWDUST,
ETC.).
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINERS CLOSED. AVOID HANDLING
NEAR HEAT, STRONG LIGHT, SPARKS, OPEN FLAMES, STRONG OXIDANTS.
Other Precautions:AVOID BREATHING VAPORS. AVOID PROLONGED OR REPEATED
SKIN CONTACT.

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

Respiratory Protection:NONE REQUIRED WHEN USED AS INTENDED WITH
PLOTTER/ PRINTERS ENGINEERING SYSTEMS PRODUCTS.
Ventilation:NONE REQUIRED WHEN USED AS INTENDED WITH PLOTTER/PRINTERS
ENGINEERING SYSTEMS PRODUCTS.
Protective Gloves:NITRILE/NEOPRENE FOR PROLONGED CONTACT.
Eye Protection:NONE NORMALLY REQUIRED.
Other Protective Equipment:NONE REQUIRED WHEN USED AS INTENDED WITH
PLOTTER/PRINTERS ENGINEERING SYSTEMS PRODUCTS.
Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:F4
Boiling Pt:B.P. Text:320F,160C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Decomp Temp:Decomp Text:NOT GIVEN
Vapor Pres:1
Vapor Density:5.0
Spec Gravity:0.77
Evaporation Rate & Reference:0.3 (N-BUTYLACETATE=1)
Solubility in Water:IMMISCIBLE
Appearance and Odor:BLACK LIQUID. SLIGHT ODOR.
Pe

cent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDANTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN, SODIUM OR CALCIUM HYPOCHLORITE.

Stability Condition to Avoid:HIGH HEAT,SOURCES OF IGNITION.

Hazardous Decomposition Products:FUMES, SMOKE, CARBON MONOXIDE IN THE CASE OF INCOMPLETE COMBUSTION.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:WASTE TONER MAY BE CLASSIFIED AS AN IGNITABLE HAZARDOUS WASTE (D001) AND SHOULD BE DISPOSED AT AN APPROVED DISPOSAL SITE OR FACILITY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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