

SHACOH USA INC -- KIP 3800 TONER -- 6850-01-420-0396

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

Product ID:KIP 3800 TONER

MSDS Date:11/06/1992

FSC:6850

NIIN:01-420-0396

MSDS Number: CFKZT

=== Responsible Party ===

Company Name:SHACOH USA INC

Address:3132 MARTIN RD

City:WALLED LAKE

State:MI

ZIP:48390

Country:US

Info Phone Num:313-669-4700

Emergency Phone Num:800-252-6793

CAGE:0HYT2

=== Contractor Identifi

cation ===

Company Name:KIP AMERICA

Address:37777 INTERCHANGE DR

Box:City:FARMINGTON

State:MI

ZIP:48335

Country:US

Phone:243-474-2900

Contract Num:SP0450-99-M-N-H08

CAGE:1KWL8

Company Name:SHACOH USA

Address:3132 MARTIN ROAD

Box:City:WALLED LAKE

State:MI

ZIP:48390

Country:US

Phone:800-252-6793

CAGE:0HYT2

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

Ingred Name:STYRENE-ACRYLATE COPOLYMER

CAS:27136-15-8

Minumum % Wt:50.

Maxumum % Wt:60.

Other REC Limits:NONE RECOMMENDED

Ingred Name:IRON OXIDE
CAS:1309-38-2
RTECS #:OM4800000
Minumum % Wt:30.
Maxumum % Wt:40.
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYPROPYLENE
CAS:9003-07-0
RTECS #:TR5000000
Minumum % Wt:1.
Maxumum % Wt:5.
Other REC Limits:NONE RECOMMENDED

Ingred Name:DYE
CAS:31714-55-3
Minumum % Wt:1.
Maxumum % Wt:5.
Other REC Limits:NONE RECOMMENDED

Ingred Name:IRON MANGANESE ZINC OXIDE
CAS:12645-49-7
Other REC Limits:NONE RECOMMENDED

Ingred Name:IRON OXIDE
CAS:1309-37-1
RTECS #:NO7400000
Other REC
Limits:NONE RECOMMENDED
OSHA PEL:NOT PROVIDED.
ACGIH TLV:NOT PROVIDED.

Ingred Name:MANGANESE OXIDE
CAS:1344-43-0
RTECS #:OP0900000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT PROVIDED.
ACGIH TLV:NOT PROVIDED.

Ingred Name:ZINC OXIDE (SARA 313) (CERCLA)
CAS:1314-13-2
RTECS #:ZH4810000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT PROVIDED.
ACGIH TLV:NOT PROVIDED.

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

LD50 LC50 Mixture:NOT PROVIDED.
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:RESPIRATORY SYSTEM.

HEALTH HAZARDS: INGESTION: CONSIDERED RELATIVELY HARMLESS.

INHALATION: MINIMUM IRRITATION TO RESPIRATORY TRACT MAY OCCUR AS WITH ANY NON-TOXIC DUST. SKIN: CONSIDERED RELATIVELY HARMLESS.

EYES: CONSIDERED RELATIVELY HARMLESS.

Explanation of Carcinogenicity:NOT PROVIDED.

Effects of Overexposure:INHALATION: MINIMUM IRRITATION TO RESPIRATORY

TRACT MAY OCCUR AS WITH ANY NON-TOXIC DUST.

Medical Cond Aggravated by Exposure:NOT PROVIDED.

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

First Aid:INGESTION: UNKNOWN. INHALED:REMOVE TO FRESH AIR. IF EFFECTS PERSIST CONSULT MEDICAL PERSONNEL.EYES:IN CASE OF CONTACT FLUSH IMMEDIATELY WITH WATER FOR 5 MINUTES.SKIN:NO ADVERSE HEALTH EFFECTS ARE EXPECTED.

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

Flash Point:NOT APPLICABLE

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY (FOG) FOAM.

Fire Fighting Procedures:THIS MATERIAL WILL BURN, THE DECOMPOSITION PRODUCTS ARE CO, CO2 AND NOX.

Unusual Fire/Explosion Hazard:TONER IS COMBUSTIBLE, LOWER EXPLOSIVE LIMIT FOR TONER PARTICLES SUSPENDED IN AIR IS UNKNOWN.

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

Spill Release Procedures:REMOVE WITH A VACUUM CLEANER OR SOAP AND WATER.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE IN COOL AND DRY PLACE.

Other Precautions:NONE

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL CONDITIONS.

Ventilation:NO

Protective Gloves:NONE REQUIRED UNDER NORMAL USE.

Eye Protection:NONE REQUIRED UNDER NORMAL USE.

Other Protective Equipment:NONE REQUIRED UNDER NORMAL USE.

Work Hygienic Pract

ices:INHALATION SHOULD BE AVOIDED.

Supplemental Safety and Health

NONE

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:NOT APPLICABLE.

Melt/Freeze Pt:M.P/F.P Text:NOT APPLICABLE.

Decomp Temp:Decomp Text:NOT PROVIDED.

Vapor Pres:NOT APPLICABLE.

Vapor Density:NOT APPLIC

Spec Gravity:1.0

pH:NOT APPLICABLE.

Solubility in Water:INSOLUBLE

Appearance and Odor:FINE BLACK POWDER / ODORLESS

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:NOT APPLICABLE.

Hazardous Decomposition Products:NOT APPLICABLE.

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

Toxicological Information:LDL0 VALUE OF THIS TONER IS AN ORAL ACUTE TOXICITY TEST IS OVER 2.0 G/KG. THE RESULT OF THE AMES TEST IS NEGATIVE.

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

Ecological:NOT PROVIDED.

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

Waste Disposal Methods:NOT CLASSIFIED AS HAZARDOUS WASTE UNDER PRESENT EPA REGULATIONS. PLACE WASTE IN A PLASTIC BAG OR OTHER SEALED CONTAINER TO PREVENT DUST AND DISPOSE BY BURIAL IN A SANITARY LANDFILL UNDER CONDITIONS WHICH MEET ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the D

epartment

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.