

JOHN CRANE-HOUDAILLE INC MARINE & GOVERNMENT GROUP -- P/N 1580415 T STYLE 100 --
5330-00-548-4806

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

Product ID:P/N 1580415 T STYLE 100

MSDS Date:12/12/1995

FSC:5330

NIIN:00-548-4806

MSDS Number: CCCBK

=== Responsible Party ===

Company Name:JOHN CRANE-HOUDAILLE INC MARINE & GOVERNMENT GROUP

Address:6400 OAKTON ST ; FORMERLY PACKING CO

City:MORTON GROVE

State:IL

ZI

P:60053-2725

Country:US

Info Phone Num:708-967-2400

Emergency Phone Num:708-967-2400/2879

CAGE:71724

=== Contractor Identification ===

Company Name:JOHN CRANE-HOUDAILLE INC MARINE & GOVERNMENT GROUP

Address:6400 OAKTON ST ; FORMERLY PACKING CO

Box:City:MORTON GROVE

State:IL

ZIP:60053-2725

Country:US

Phone:708-967-2400/2879

CAGE:71724

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

Ingred Name:COTTON TWINE

Other REC Limits:NONE RECOMMENDED

Ingred Name:REFINED MINERAL OIL O

R ANIMAL FATTY OIL

CAS:8016-28-2

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:LEAD FOIL OR LEAD (SARA 313) (CERCLA)

CAS:7439-92-1

RTECS #:OF7525000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE 1910.1025

ACGIH TLV:0.05MG/M3, A3; 9596

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:GRAPHITE, NATURAL

CAS:7782-42-5

RTECS #:MD9659600

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MPPCF; Z-3

ACGIH TLV:2 MG/M3 RDUST; 9596

Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MILD EYE IRRITATION. HANDLING THIS
PRODUCT MAY CAUSE LEAD POISONING; ROUTES ARE BY INHALTION OF DUST,
SKIN ABSORPTION OR BY INGESTION. ACUTE: ABDOMINAL COLIES, HEMOLYTIC
ANEMIA, NEURITIS, ENCEPHALOPAT HY. CHRONIC: ARTHRALGIAS, MOTOR
DYSFUNCTION, MALE INFERTILITY, FETAL TOXICITY, GOUT, RENAL
FAILURE,
ENCEPHALOPATHY.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:ALTERED BOWEL HABITS, FATIGUE, ACHING OF BONES
& MUSCLES, HEADACHE, WEAKNESS, DEPRESSION, IMPOTENCE, VAGUE
GASTROINTESTINAL DIFFICULTIES, MEMORY DYSFUNCTION. MILD EYE
IRRITATION.

Medical Cond Aggravated by Exposure:PRE-EXISITING NEUROMUSCULAR,
HEMATOLOGICAL, RENAL, LIVER, LUNG AND CENTRAL NER
VOUS SYSTEM
DISORDERS.

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

First Aid:IN ALL CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR
15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP &
WATER. INHALED-REMOVE TO FRESH AIR. INGESTED-IF CONSCIOUS, INDUCE
VOMI TING.

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

Flash Point Method:COC
Flash Point:565F,296C
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:W
ATER FOG, CARBON DIOXIDE, DRY CHEMICAL-DOLOMITIC
POWDER + SODIUM CHLORIDE + GRAPHITE, FOAM.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL FIRE FIGHTER'S PROTECTIVE GEAR.
Unusual Fire/Explosion Hazard:NOT EXPLOSIVE. LEAD POWDER REACTS
VIGOUOUSLY WITH OXIDIZERS. DO NOT EXPOSE MOLTEN LEAD TO WATER AS IT
IS EXPLOSIVE.

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

Spill Release Procedures:VACUUM DUST IF ANY IS RELEASED BY MECHANICAL

PROCESSING OF THIS MATERIAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE AWAY FROM FOOD AREAS AND CHILDREN. AVOID BREATHING DUST BY USING OSHA-APPROVED DUST MASK WHEN CUTTING THIS PRODUCT.

Other Precautions:WASH HANDS WITH SOAP & WATER AFTER HANDLING. CHANGE & CLEAN CLOTHING EVERY DAY WHEN DEALING WITH LEAD CONTAINING MATERIALS.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH DUST CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 19 10.134.

Ventilation:NONE NORMALLY REQUIRED.

Protective Gloves:REQUIRED-PVA, BUTYL, RUBBER.

Eye Protection:REQUIRED-SAFETY GLASSES.

Other Protective Equipment:CHANGE & CLEAN CLOTHING DAILY. DO NOT TAKE CONTAMINATED CLOTHES HOME. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.
Supplemental Safety and Health

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

HCC:T6

Boiling Pt:B.P. Text:3164F,1740C

Melt/Freeze Pt:M.P/F.P Text:621F,327C

Spec Gravity:11.3

Solubility in Water:NOT SOLUBLE

Appearance and Odor:FLEXIBLE SILVERY METALLIC PACKING MADE BY SPIRAL WRAPPING BABBIT (LEAD) FOIL...

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS (EG PERCHLORATES & PEROXIDES), MILD ACIDS & ALKALIES. DO NOT EXPOSE MOLTEN LEAD TO WATER.

Stability Condition to Avoid:THIS PRODUCT IS USEFUL IN TEMPERATURES UP TO 450F (4-10 PH).

Hazardous Decomposition Products:LEAD VAPORS, FUMES & OXIDES.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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===== Disposal Consi

derations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL ENVIRONMENTAL REGULATIONS.

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