

JOHN CRANE-HOUDAILLE INC MARINE & GOVERNMENT GROUP -- STYLE 77MC STICK/BUCK --
5330-00-262-9436

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

Product ID:STYLE 77MC STICK/BUCK

MSDS Date:08/28/1987

FSC:5330

NIIN:00-262-9436

MSDS Number: BMTWZ

=== Responsible Party ===

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

Address:6400 OAKTON ST

City:MORTON GROVE

State:IL

ZIP:60053-2725

Country:US

Info Phone Num:708-967-2879/708-967-2400

Emergency Phone Num:708-967

-3788

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:ASPHALT (PETROLEUM)

CAS:8052-42-4

RTECS #:CI9900000

Other REC Limits:NONE SPECIFIED

ACGIH TLV:5 MG/M3; (FUME);9192

Ingred Name:AROMATIC PETROLEUM OIL

Other REC Limi

ts:NONE SPECIFIED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:ADDITIVES
Other REC Limits:NONE SPECIFIED

Ingred Name:MICROCRYSTALLINE WAX
Other REC Limits:NONE SPECIFIED

Ingred Name:ANIMAL FATTY OIL
CAS:8016-28-2
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:PARAFFIN WAX
CAS:8002-74-2
RTECS #:RV0350000
Other REC Limits:NONE SPECIFIED
OSHA PEL:2 MG/M3 (FUME)
ACGIH TLV:2 MG/M3 (FUME); 9192

Ingred Name:TEFLON (TETRA
FLUORO ETHYLENE POLYMER)
CAS:116-14-3
RTECS #:KX4025000
Other REC Limits:NONE SPECIFIED

Ingred Name:DIMETHYL SILOXANE (DOW CORNING 200)
CAS:63148-62-9
RTECS #:JT6484500
Other REC Limits:NONE SPECIFIED

Ingred Name:MAGNESIUM SILICATE
CAS:1480-96-6
OSHA PEL:15 MG/M3(TOTAL DUST)
ACGIH TLV:10 MG/M3(TOTAL DUST)

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Ha

zards Acute and Chronic:ACUTE: NONE WHEN USED AS FINISHED
PRODUCT. INHALATION OF VAPORS IF PRODUCT IS OVERHEATED MAY CAUSE
EYE AND THROAT IRRITATION, LUNG TISSUE DAMAGE, CENTRAL NERVOUS
SYSTEM DEPRESSION, CARDIAC DYSRHYTHMIA. CHRONIC: PROLONGED CONTACT
MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity:ASPHALT AND AROMATIC PETROLEUM OIL HAVE
BEEN KNOWN TO CAUSE SKIN CANCER IN LABORATORY ANIMALS.

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DERMATITIS,
THE

RMAL BURNS. INHALATION: INHALATION OF VAPORS WHEN PRODUCT IS
OVERHEATED MAY CAUSE TEARING, COUGH, FEVER, FLU-LIKE SYMPTOMS.

Medical Cond Aggravated by Exposure:NONE

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER. IF IRRITATION PERSISTS, SEE
DOCTOR. SKIN: WASH WITH SOAP AND WATER. INHALATION: IF EXPOSED TO
TOXIC VAPORS GENERATED WHEN PRODUCT IS OVERHEATED, REMOVE VICTIM TO
FRES H AIR. GIVE OXYGEN/CPR IF NEEDED. GET
MEDICAL ATTENTION.

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

Flash Point Method:OC

Flash Point:400F,204C

Autoignition Temp:Autoignition Temp Text:425F

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE

HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. CONTACT WITH STRONG
OXIDIZING AGENTS MAY CAUSE AN EXPLOSION.

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

Handling and Storage Precautions:NO SPECIAL REQUIREMENT.

Other Precautions:STORE AWAY FROM HEAT, SPARKS, OPEN FLAMES AND
OXIDIZING MATERIALS. KEEP FIRE EXTINGUISHERS READILY AVAILABLE. NO
SMOKING IS ALLOWED IN AREAS USING THIS PRODUCT.

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

R

Respiratory Protection:NONE NORMALLY REQUIRED. USE SELF-CONTAINED BREATHING APPARATUS IF PRODUCT IS ACCIDENTALLY HEATED TO THERMAL DECOMPOSITION AND TOXIC VAPORS ARE GENERATED.

Ventilation:NO SPECIAL REQUIREMENT IN NORMAL CONDITIONS. USE LOCAL EXHAUST IF TOXIC VAPORS ARE GENERATED.

Protective Gloves:GLOVES REQUIRED IF PRODUCT IS HEATED.

Eye Protection:SAFETY GLASSES IF PRODUCT IS HEATED.

Other Protective Equipment:LONG SLEEVED SHIRTS AND LONG PANTS.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

MSDS IS FOR THE PRODUCT WHEN USED IN NORMAL CONDITIONS. THIS PRODUCT CONTAINS TEFLON. AT 720F, TEFLON STARTS TO DEGRADE THERMALLY, RELEASING FREONS THAT CAN CAUSE ACUTE CENTRAL NERVOUS SYSTEM DEPRESSION AND CARDIAC DYSRHYTHMIA AT HIGH CONCENTRATIONS. THIS PRODUCT CONTAINS ASPHALT. H₂S IS EMITTED FROM HEATED ASPHALT.

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

HCC:N1

Boiling Pt:B.P. Text:>600F,>316C

Mel

t/Freeze Pt:M.P/F.P Text:245F,118C

Solubility in Water:INSOLUBLE

Appearance and Odor:SOLID CARMEL LIKE GREASE.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS. THIS PRODUCT CONTAINS TEFLON WHICH MAY REACT WITH POWDERED AL, MG, FL, AND INTERHALOGENATED COM

Stability Condition to Avoid:HIGH HEAT SOURCES AND TEMPERATURES ABOVE 350F

Hazardous Decomposition Products:FREONS, HYDROGEN CHLORIDE, PERFLUOR

OCARBON OLEFINS, CO, CO₂, SULFUR OXIDES, NOX, POLYCYCLIC AROMATIC HYDROCARBONS, H₂S.

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

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

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