

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 Limits: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

(FUME)
ACGIH TLV:2 MG/M3 (FUME); 9192

Ingred Name:TEFLON (TETRAFLUORO 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

Re
ports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards 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 Over
exposure:EYES: IRRITATION. SKIN: IRRITATION, DERMATITIS,
THERMAL 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
FRESH 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.

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

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 =====

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HCC:N1

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

Melt/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

Hazardou

s Decomposition Products:FREONS, HYDROGEN CHLORIDE, PERFLUOROCARBON 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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