

JOHN CRANE-HOUDAILLE INC MARINE & GOVERNMENT GROUP -- PACKING MATERIAL --  
5330-00-197-8495

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Product Identification  
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Product ID:PACKING MATERIAL

MSDS Date:06/09/1993

FSC:5330

NIIN:00-197-8495

MSDS Number: BQVNX

=== Responsible Party ===

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

Address:6400 OAKTON ST ; FORMERLY PACKING CO

City:MORTON GROVE

State:IL

ZIP:60053-2725

Co

Country:US

Info Phone Num:708-967-2400

Emergency Phone Num:708-967-2400/2879

Preparer's Name:DGSC-SSH

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

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CAGE:71724

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Composition/Information on Ingredients  
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Ingred Name:ASBESTOS, CHRYSOTILE

CAS:12001-29-5

RTECS #:CI6478500

Other REC Limits:

NONE SPECIFIED

OSHA PEL:0.2 FIBERS/CC

ACGIH TLV:2 FIBERS/CC; A1;9192

Ingred Name:GRAPHITE, SYNTHETIC

CAS:7440-44-0

RTECS #:FF5250100

Other REC Limits:NONE SPECIFIED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:2 MG/M3 TDUST; 9293

Ingred Name:ZINC (SARA III)

CAS:7440-66-6

RTECS #:ZG8600000

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG ZNO/M3

ACGIH TLV:10 MG ZNO/M3; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

tion:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:ACUTE:MINOR EYS/SKIN IRRITATION.

INGESTION- IRRITATION OF GI TRACT. INHALATION-IRRITATION OF RESPIRATORY TRACT. CHRONIC: ASBESTOSIS, LUNG CANCER, & MESOTHELIOMA, ALL OF WHICH ARE DISABLING AND FATAL D ISEASES OF THE LUNG. INHALATION AND INGESTION OF ASBESTOS FIBERS MAY CAUSE CANCER OF THE BOWEL. SMOKING INCREASES RISK.

Explanation of Carcinogenicity:ASBES TOS IS A KNOWN HUMAN CARCINOGEN.

Effects of Overexposure:INHALATION: FATIGUE AND SHORTNESS OF BREATH THAT GETS WORSE WITH TIME AND EVENTUALLY BECOMES DISABLING. EYES: IRRITATION. SKIN: IRRITATION. INGESTION: MILD STOMACH DISTRESS. DIARRHEA, VOMITING, AND NA USEA.

Medical Cond Aggravated by Exposure:ASTHMA, EMPHYSEMA, AND TUBERCULOSIS ARE ALL GENERALLY AGGRAVATED BY EXPOSURE TO ASBESTOS FIBERS.

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

First Aid:INHALA TION: REMOVE TO FRESH AIR. SEE DOCTOR. EYES: RINSE THOROUGHLY WITH WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEE DOCTOR. INGESTION: DIL UTE WITH WATER. DO NOT INDUCE VOMITING.SEE DOCTOR.

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

Flash Point:NOT RELEVANT

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINER

S.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE ALL NON-ESSENTIAL PERSONNEL.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. MAY RELEASE ASBESTOS FIBERS.

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

Spill Release Procedures:VACUUM THE MATERIAL WITH A HEPA FILTERED VACUUM. THE EQUIPMENT SHALL BE USED & EMPT

IED SO AS TO MINIMIZE THE RE- ENTRY OF ASBESTOS INTO THE WORKPLACE. OTHERWISE, WET THE MATERIAL WITH WATER & SURFACTANT AND THEN SHOVEL OR MOP UP CONTAMINATION.

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

Handling and Storage Precautions:MATERIAL IS NONFRIABLE & WILL NOT SHED FIBERS IN NORMAL USE AND STORAGE.

Other Precautions:IF IT IS NECESSARY TO CUT OR IMPACT THE MATERIAL WHILE INSTALLING IT, WEAR A RESPIRATOR AND PROTECTIVE CLOTHING. USED MA

TERIAL SHALL BE IDENTIFIED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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

Respiratory Protection:NONE NORMALLY REQUIRED. WEAR A NIOSH APPROVED HEPA RESPIRATOR IF REQUIRED.

Ventilation:LOCAL EXHAUST SUFFICIENT TO ENTRAP ALL PARTICULATE EMISSIONS. HEPA FILTER REQUIRED. NO LEAKS ON PRESSURE SIDE OF FAN.

Protective Gloves:COTTON OR LEATHER IF FRIABLE

Eye Protection:SAFETY GLASSES OR GOGGLES IF FRIABLE

Other Protective Equipment:USE COVERALLS OR DISPOSABLE CLOTHING IF NEEDED. EYE WASH STATION AND EMERGENCY SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WET WORK TO THE DEGREE POSSIBLE. WASH HANDS AFTER HANDLING MATERIAL. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NO MSDS WAS AVAILABLE FROM MANUFACTURER. THIS MSDS WAS PREPARED BY THE PROFESSIONALS OF DGSC-SSH WITHOUT ANY WARRANTY. IT IS THE USER'S RESPONSIBILITY TO GATHER INF

ORMATION AND USE THE MATERIAL PROPERLY TO PROTECT EMPLOYEES AND ENVIRONMENT.

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

HCC:T6

Solubility in Water:NEGLIGIBLE

Appearance and Odor:SOLID, NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, HYDROFLUORIC ACID, AND STRONG ALKALIS.

Stability Condition to Avoid:EXCESSIVE HEAT OR FIRE

Hazardous Decomposition Products:OXIDES OF C

ARBON. OTHER POSSIBLE TOXIC  
DECOMPOSITION FUMES.

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

Waste Disposal Methods:WET THE MATERIAL WITH WATER AND SURFACTANT.  
PLACE IN 6 MIL THICK POLYETHYLENE PLASTIC BAG. PLACE THESE BAGS  
INTO ANOTHER POLY BAG OR A SAFE PLACE UNTIL IT CAN BE SHIPPED TO AN  
APPROVED DISPOSAL SITE. IDENTIFY WITH ASBESTOS CANCER WARNING  
LABEL.

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