

ARMSTRONG MACHINE WORKS -- UNKNOWN -- 5330-00-042-1033

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Product Identification
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MSDS Date:04/28/1993

FSC:5330

NIIN:00-042-1033

MSDS Number: BQMYB

=== Responsible Party ===

Company Name:ARMSTRONG MACHINE WORKS

Address:816 MAPLE

City:THREE RIVERS

State:MI

ZIP:49093-2345

Country:US

Info Phone Num:616-273-1415

Emergency Phone Num:616-273-1415

Preparer's Name:DGSC-SSH

CAGE:03933

=== Contracto

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Composition/Information on Ingredients
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Ingred Name:ASBESTOS (FRIABLE) (SARA III)

RTECS #:CI6425000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.2 - 2 FIBERS/CC

ACGIH TLV:0.2 - 2 FIBERS/CC

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Hazards Identification
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Routes of Entry: Inhalation:NO Skin:NO Ingest

ion:NO

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

Health Hazards Acute and Chronic:NOT HAZARDOUS WHEN USED AS MANUFACTURED. EXPOSURE MAY OCCUR IF DUST IS GENERATED DUE TO ABRASIVE ACTION. ACUTE: METAL DUSTS CAN IRRITATE EYES AND UPPER RESPIRATORY SYSTEM. CHRONIC: DUST FROM ABRASIVE ACTIONS CONTAIN ASBESTOS FIBERS. OVEREXPOSURE MAY LEAD TO ASBESTOSIS AND MESOTHELIOMA. HIGHER RISK TO SMOKERS.

Explanation of Carcinogenicity:CONTAINS ASBESTOS WHICH IS LISTED BY NTP

AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Effects of Overexposure:IF EXPOSED TO DUST GENERATED DUE TO ABRASIVE ACTION. INHALATION: COUGHING, WHEEZING, SHORTNESS OF BREATH, IMPAIRED PULMONARY FUNCTION. SKIN: ITCHING, RASH. EYES: MECHANICAL IRRITATION FROM AIRBORNE DUST. INGESTION: GASTROINTESTINAL DISTURBANCES.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING SKIN OR RESPIRATORY CONDITIONS MAY BE MORE AT RISK FROM EXPOSURE TO DUSTS OF THIS PRODUCT.

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First Aid Measures
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First Aid:INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ADVICE. SKIN: WASH EXPOSED AREA WITH SOAP AND WATER. EYES: FLOOD WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. INGESTION: DRINK WATER. DO NOT INDUCE VOMITING. SEE DOCTOR. OTHER: CHANGE CLOTHING AS REQUIRED TO AVOID CARRYING DUST PARTICLES INTO OTHER AREAS.

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Fire Fighting Measures
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Flash Point:

NONE

Extinguishing Media:MATERIAL IS NOT FLAMMABLE. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:COMBUSTION PRODUCTS OF THIS MATERIAL MAY BE TOXIC. USE A SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES INVOLVING CHEMICAL PRODUCTS.

Unusual Fire/Explosion Hazard:NONE KNOWN

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Accidental Release Measures
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Spill Release Procedures:USE PROPER PERSONAL PROTECTION. VACUUM OR WET CLEAN IF DUST IS INVOLVED. ANY VACUUM

SYSTEM SHOULD BE EQUIPPED WITH AN OUTLET "HEPA" FILTER TO PREVENT REINTRODUCING ASBESTOS FIBERS TO THE ATMOSPHERE.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:HANDLE IN A MANNER TO MINIMIZE FORMATION OR RETENTION OF AIRBORNE DUST. USE PROPER PERSONAL PROTECTION FOR TASK AT HAND. CHECK W/YOUR SAFETY OFFICE!!!

Other Precautions:AS MANUFACTURED, LOCKED-IN ASBESTOS DOES NOT PRESENT A HAZARD. ONLY WHEN THE ITEM IS SUBJECTED TO ABRASIVE ACTIONS & DUST IS GENERATED, THEN ASBESTOS FIBERS MAY BE RELEASED AND BECOME AIRBORNE.

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

Respiratory Protection:IF EXPOSURES EXCEED ESTABLISHED LIMITS, A NIOSH/MSHA APPROVED RESPIRATOR FOR ASBESTOS SHOULD BE USED. CONSULT YOUR SAFETY OFFICE/INDUSTRIAL HYGIENIST PERSONNEL FOR GUIDANCE FOR THE TASK AT HAND.

Ventilation:LOCAL EXHAUST IS RECOMMENDED IN SITUATIONS WHERE DUST IS GENERATED BY ABRASIVE ACTIONS, ABRASION OR OTHER MEANS.

Protective Gloves:AS REQUIRED FOR TASK AT HAND.

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

Other Protective Equipment:AS REQUIRED FOR TASK AT HAND, AND THE GUIDANCE SET FORTH BY YOUR SAFETY OFFICE OR INDUSTRIAL HYGIENIST PERSONNEL.

Work Hygienic Practices:DO NOT INHALE DUST CREATED BY ABRADING ACTIONS. USE FULL PROTECTION AGAINST AIRBORNE FIBERS.AVOID AIRBORNE DUST CREATION

Supplemental Safety and Health

GENERIC "MSDS" CREATED FOR "NSN" IDENTIFIED BY "DCSC" AS CONTAINING ASBESTOS. WHEN A MANUFACTURER'S SPECIFIC "MSDS" IS PROVIDED FOR MATERIAL PROCURED UNDER THIS NSN, THIS GENERIC "MSDS" WILL BE REMOVED.

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

HCC:T6

Evaporation Rate & Reference:NONE

Solubility in Water:NOT SOLUBLE

Appearance and Odor:GASKET

Percent Volatiles by Volume:NONE

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

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Stability Indicator/Materials to Avoid: YES
NONE KNOWN
Stability Condition to Avoid: NONE KNOWN

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

Waste Disposal Methods: DUST SHOULD BE HANDLED AS A HAZARDOUS AIR POLLUTANT I/A/W 40CFR61 SUBPART "M" PERTAINING TO ASBESTOS. USE LANDFILLS APPROVED FOR ASBESTOS DISPOSAL. NOTE IF ITEM UNDER CONSIDERATION FOR DISPOSAL IS "FRIABLE OR NON-FRIABLE".

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