

TBA INDUSTRIAL PRODUCTS -- TBA 410 -- 5330-00-692-4348

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

Product ID:TBA 410  
MSDS Date:01/01/1991  
FSC:5330  
NIIN:00-692-4348  
MSDS Number: BMTNH  
=== Responsible Party ===  
Company Name:TBA INDUSTRIAL PRODUCTS  
City:PORTSMOUTH  
State:VA  
Country:US  
Info Phone Num:800-527-1935  
Emergency Phone Num:800-527-1935  
CAGE:9D401

==== Contractor Identification ====  
Company Name:R-WAY G  
ASKET AND SUPPLY CO  
Address:1950 E SEDGLEY AVE  
Box:City:PHILADELPHIA  
State:PA  
ZIP:19124-5622  
Country:US  
Phone:215-697-6350/215-743-1650  
CAGE:5S153  
Company Name:TBA INDUSTRIAL PRODUCTS  
Box:City:PORTSMOUTH  
State:VA  
Country:US  
Phone:800-527-1935  
CAGE:9D401

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

Ingred Name:ASBESTOS, CHRYSOTILE  
CAS:12001-29-5  
RTECS #:CI6478500  
Fraction by Wt: 71%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.2 FIBERS/CC  
ACGIH TLV:2 FIBERS/CC; A1;9192

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gred Name:INERT FILLERS  
Fraction by Wt: 13%  
Other REC Limits:NONE SPECIFIED

Ingred Name:RUBBER BINDERS  
Fraction by Wt: 13%  
Other REC Limits:NONE SPECIFIED

Ingred Name:CURING AGENT  
Fraction by Wt: 3%  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE: EXPOSURE TO DUST MAY PRODUCE  
IRRITATION  
TO RESPIRATORY SYSTEM. CHRONIC: EXPOSURE TO VAPORS FROM  
CURING OPERATIONS. MAY PRODUCE DERMATITIS. EXPOSURE TO DUST MAY  
LEAD TO VARIOUS LUNG DISEASES INC LUDING CANCER. ALSO MAY PRODUCE  
CANCER OF GI TRACT IF INHALED OR INGESTED OVER LONG PERIODS.  
Explanation of Carcinogenicity:OVEREXPOSURE TO AIRBORNE CONCENTRATIONS  
OF ASBESTOS MAY LEAD TO ASBESTOSIS AND MESOTHELIOMA.  
Effects of Overexposure:INHALATION: COUGHING, WHEEZING, SHORTNESS OF  
BREATH.  
Medical Cond Aggravated by Expo  
sure:PREEXISTING RESPIRATORY DISORDERS  
MAY BE AGGRAVATED BY EXPOSURE TO DUSTS.

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

First Aid:INHALED: REMOVE TO FRESH AIR. OBTAIN MEDICAL ADVICE. SKIN:  
WASH EXPOSED AREA WITH SOAP AND WATER. EYE: FLOOD WITH WATER FOR 15  
MINUTES. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. INGESTED:  
CONSULT A PHYSICIAN.

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

Flash Point:NONE  
Extinguishing Media:MAT

ERIAL IS NOT FLAMMABLE ; USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES INVOLVING CHEMICAL PRODUCTS.

Unusual Fire/Explosion Hazard:MAY PRODUCE HAZARDOUS VAPORS AND SMOKE ON COMBUSTION. WHEN GROUND, MAY PRODUCE A WEAK EXPLOSION. CONTINUE TO COOL AFTER FIRE EXTINGUISHED, TO STOP REIGNITION.

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

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.

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

Handling and Storage Precautions:HANDLE IN A MANNER TO MINIMIZE FORMATION OR RETENTION OF AIRBORNE DUST.  
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 & BECOME AIRBORNE.

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

Respiratory Protection:IF EXPOSURES EXCEED ESTABLISHED LIMITS, A NIOSH/MSHA APPROVED RESPIRATOR FOR ASBESTOS SHOULD BE USED OR FOLLOW GUIDANCE IN TABLE I OF THE ASBESTOS STANDARD IN 29 CFR.  
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 IH PERSONNEL  
Work Hygienic Practices:DO NOT INHALE DUST CREATED BY ABRADING ACTIONS. WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING.  
Supplemental Safety and Health  
LAUNDER CLOTHING BEFORE REUSE.

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

HCC:T

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Solubility in Water:INSOLUBLE

Appearance and Odor:BLACK SHEETS WITH A RUBBERY ODOR

Percent Volatiles by Volume:NONE

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, AND STRONG ALKALIS

Stability Condition to Avoid:CONCENTRATIONS OF DUST.

Hazardous Decomposition Products:OXIDES OF CARBON, HYDROGEN CHLORIDE.

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

Waste Disposal

Methods:DUST SHOULD BE HANDLED AS A HAZARDOUS AIR

POLLUTANT IN ACCORDANCE WITH 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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