

HYDRAMECHANICA CORP -- HM-110A (RESILIENT ORGANIC) FRICTION MATERIAL --  
1615-01-320-6620

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

Product ID:HM-110A (RESILIENT ORGANIC) FRICTION MATERIAL

MSDS Date:01/01/1987

FSC:1615

NIIN:01-320-6620

MSDS Number: BWRGC

=== Responsible Party ===

Company Name:HYDRAMECHANICA CORP

Address:6625 COBB DR

City:STERLING HEIGHTS

State:MI

ZIP:48312

Country:US

Info Phone Num:313-93

9-0620 313-939-0161(FAX)

Emergency Phone Num:313-939-0620

CAGE:NO428

=== Contractor Identification ===

Company Name:HYDRAMECHANICA CORP

Address:6625 COBB DR

Box:City:STERLING HEIGHTS

State:MI

ZIP:48312

Country:US

Phone:313-939-0620 313-939-0161(FAX)

CAGE:NO428

Company Name:HYDRAMECHANICAL CORP

Address:6625 COBB DR

Box:City:STERLING HEIGHTS

State:MI

ZIP:48312

Country:US

Phone:313-939-0620

CAGE:66951

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

Ingred Name:CELLULOSE (PAPE

R FIBER)  
CAS:9004-34-6  
RTECS #:FJ5691460  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3; 9394

Ingred Name:PHENOLIC POLYMER  
CAS:25820-85-3  
Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDRATED SILICA  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ARTICLE(IAW:29CFR1910.12  
00).CUTTING OR

ABRAIDING MAY CAUSE RELEASE OF CELLULOSE DUST,WHICH MAY CAUSE  
RESPIRATORY IRRITATION.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%  
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:INHAL:IRRITATION.

Medical Cond Aggravated by Exposure:UNLIKELY TO AGGRIVATE EXISTING  
MEDICAL CONDITIONS UNDER NORMAL CONDITIONS OF USE.

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

First Aid:SKIN:REMOVE CONTAM  
INATED CLOTHING;WASH WITH SOAP AND  
WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH  
AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT  
INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.

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

Flash Point:>500F,>260C  
Extinguishing Media:WATER,DRY CHEMICAL,CARBON DIOXIDE.  
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE EQUIPMENT.  
Unusual Fire/E

xplosion Hazard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

Spill Release Procedures:FOR DUST: VENTILATE AREA.USE PROPER PROTECTIVE AND RESPIRATORY EQUIPMENT.SWEEP OR VACUUM;DO NOT CREATE DUST;PLACE IN A DRY CONTAINER FOR DISPOSAL.CLEAN SPILL AREA WITH WATER.  
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.  
Other Precautions:FOLLOW LABEL DIRECTIONS.AVOID BREATHING DUST.

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

Respiratory Protection:NOT NEEDED IN NORMAL SERVICE.IN DUSTY CONDITIONS,WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR DUST.  
Ventilation:NO SPECIAL REQUIREMENTS  
Protective Gloves:COTTON,IF NEEDED.  
Eye Protection:DUST-PROOF GOGGLES,IF NEEDED.  
Other Protective Equipment:PROVIDE A LOCAL EYE WASH STATION.  
Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.  
Supplemental Safety and Health  
NONE

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

HCC:N1  
Spec Gravity:0.7-1  
Solubility in Water:INSOLUBLE  
Appearance and Odor:SOLID;TAN;ODORLESS.

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

Stability Indicator/Materials to Avoid:YES  
NONE SPECIFIED

BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE,FRAGMENTS OF PHENOL AND CREOSOTE,LOW MOLECULAR WEIGHT HYDROCARBONS.

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

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

=====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.