

*M&D INDUSTRIES OF LA., INC.
502 Richland Avenue
Lafayette, La 70598 USA*

MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION - 1/16/13

EMERGENCY PHONE NUMBER

(337) 984-0471

INFORMATION PHONE NUMBER

(337) 984-0471

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME - POLYPLUG® ULTRASQUEEZE®

MANUFACTURE'S NAME – M&D Industries of Louisiana, Inc.. - ADDRESS ABOVE

CHEMICAL FAMILY – POLYMER & SILICA (SiO₂) & CHROME ACETATE (Cr+++)

FORMULA - PROPRIETARY BLEND

PACKAGE SIZE - 40 pound bag

APPLICATION - LOST CIRCULATION ADDITIVE

SECTION II - HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT -

BASIC CHROME ACETATE ----- SARA 313 CHEMICAL (+/-) 7%

CAS Number: 39430-51-8

EXPOSURE LIMIT: TWA: 0.5 mg/CU METER AS Cr+3

SUSPECT CARCINOGEN: NO

FLUX CALCINED DIATOMACEOUS EARTH (+/-) 72%

CAS Number: 68855-54-9

EXPOSURE LIMIT: SEE BELOW

THIS PRODUCT MAY CONTAIN UP TO 32% CRYSTALLINE SILICA

CRISTOBALITE (<) 29%

CAS Number: 1446-46-1

.05 mg/CU METER Respirable CRISTOBALITE (OSHA)

QUARTZ (<) 3 %

CAS Number: 14808-60-7

.1 mg/CU METER Respirable QUARTO (OSHA)

This product contains cristalline silica (CS), which is considered a hazard by inhalation. IARC has classified inhalation of CS as carcinogenic for humans (Group One). CS is listed by NTP as a substance which may reasonably be anticipated to be a carcinogen. CS is also a known cause of silicosis, a noncancerous lung disease.

Medical conditions which may be aggravated: Pre-existing upper respiratory and lung disease such as, but limited to bronchitis, emphysema and asthma. Target organs: Lungs , Eyes. Acute health effects: Transitory upper respiratory or eye irritation.

Chronic health effects: Inhalation of crystalline silica has been classified by IARC as carcinogenic for humans (group one). Inhalation of crystalline silica is also a known cause of silicosis, a noncancerous lung disease caused by excessive exposure to crystalline silica.

SECTION III - PHYSICAL DATA

BOILING POINT - N/A

SPECIFIC GRAVITY - N/A

VAPOR PRESSURE - N/A

% VOLATILE VOLUME - N/A

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VAPOR DENSITY - N/A
SOLUBILITY IN H2O - MARGINAL
COLOR - LIGHT GREY

EVAPORATION RATE - N/A
ODOR - NONE APPARENT
pH - N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

THIS PRODUCT IS NOT FLAMMABLE OR COMBUSTIBLE
FLASH POINT (METHOD USED) - NONE (OPEN CUP)
AUTOIGNITION TEMPERATURE - N/A
FLAMMABLE LIMITS BY AIR (% BY VOLUME): LOWER: N/A UPPER: N/A
EXTINGUISHING MEDIA - WATER
SPECIAL FIREFIGHTING PROCEDURES - NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS - NONE

SECTION V - REACTIVITY DATA

STABILITY - STABLE
USE
INCOMPATIBILITY (MATERIALS TO AVOID) - HIGH ALKALI'S WILL PRECIPITATE
CHROMIUM 3+
HYDROFLURIC ACID
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS - NONE
HAZARDOUS POLYMERIZATION -WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

This product contains cristalline silica (CS), which is considered a hazard by inhalation. IARC has classified inhalation of CS as carcinogenic for humans (Group One). CS is listed by NTP as a substance which may reasonably be anticipated to be a carcinogen. CS is also a known cause of silicosis, a noncancerous lung disease.

Medical conditions which may be aggravated: Pre-existing upper respiratory and lung disease such as, but limited to bronchitis, emphysema and asthma. Target organs: Lungs , Eyes. Acute health effects: Transitory upper respiratory or eye irritation. Possible dermatitis

Chronic health effects: Inhalation of crystalline silica has been classified by IARC as carcinogenic for humans (group one). Inhalation of crystalline silica is also a known cause of silicosis, a noncancerous lung disease caused by excessive exposure to crystalline silica.

Primary Entry Routes: Inhalation, Dust Contact with eyes

INHALATION: Irritation and soreness in throat and nose, in extreme exposures some congestion may occur. Mucous membranes.

EYES: Temporary irritation or inflammation.

SKIN CONTACT: Possible mild irritation

Ingestion: Unknown

EMERGENCY/FIRST-AID PROCEDURES:

Inhalation: Remove to fresh air. Drink water to clear throat and blow nose to evacuate dust.

Eyes: In case of contact with eyes, flush eyes with water for 15 minutes, lifting eyelids during flushing to facilitate irrigation. Get medical attention if necessary.

Skin: In case of contact with skin, wash with soap and water while removing contaminated clothing.

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Ingestion: If swallowed, induce vomiting and get medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: IF SWEEPING IS NECESSARY, USE A DUST SUPPRESSANT SUCH AS WATER. NO NEUTRALIZING CHEMICALS REQUIRED.

WASTE DISPOSAL METHOD: DISPOSE IN EPA APPROVED LANDFILL

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE IN DRY AREA. AVOID INHALATION OF DUST AND CONTACT WITH EYES.

OTHER PRECAUTIONS: STORE SEPARATE FROM FLAMMABLE MATERIALS

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION:

RESPIRATOR: <10 X PEL, use an N95 Quarter Mask respirator; <50 X PEL use a full face respirator with N95 filters; <200 X PEL, use a powered air purifying respirator (positive pressure) with N95 filters; >200 X PEL, use a full face type C supplied air Respirator (continuous flow mode)

VENTILATION: Use sufficient natural or mechanical ventilation to keep dust level below PEL

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Suggest eye goggles

OTHER PROTECTIVE EQUIPMENT - Eye wash

WORK/HYGIENIC PRACTICES: Normal precautions for handling chemicals should be observed.

SECTION IX - DEPARTMENT OF TRANSPORTATION

DOT HAZARDOUS CLASSIFICATION: NONE - NO SARA TITLE III CHEMICALS

PROPER SHIPPING NAME – **ULTRA SQUEEZE®**

HAZARD CLASS: NON CLASSIFIED

N.O.S. DESCRIPTION (FOR EXPORT ONLY): N/A

EXCEPTIONS AND PACKAGING REQUIREMENTS: NONE

PREAMBLE

ALL THE RECOMMENDATIONS AND SUGGESTIONS HEREIN CONCERNING OUR PRODUCT ARE BASED UPON TESTS AND DATA BELIEVED TO BE RELIABLE, HOWEVER, IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE SAFETY, TOXICITY, AND SUITABILITY FOR HIS OWN USE OF THE PRODUCT DESCRIBED HEREIN. SINCE THE ACTUAL USE BY OTHERS IS BEYOND OUR CONTROL, NO GUARANTEE, EXPRESSED OR IMPLIED, IS MADE BY M&D INDUSTRIES OF LOUISIANA, INC. AS TO THE EFFECTS OF SUCH USE, THE RESULTS TO BE OBTAINED, OR THE SAFETY AND TOXICITY OF THE PRODUCT NOR DOES M&D INDUSTRIES OF LOUISIANA, INC. ASSUME ANY LIABILITY ARISING OUT OF USE BY OTHERS. NOR IS THE INFORMATION HEREIN TO BE CONSIDERED AS ABSOLUTELY COMPLETE SINCE ADDITIONAL INFORMATION MAY BE NECESSARY OR DESIRABLE WHEN PARTICULAR OR EXCEPTIONAL CONDITIONS OR CIRCUMSTANCES EXIST OR BECAUSE OF APPLICABLE LAWS OR GOVERNMENT REGULATIONS.