

MATERIAL SAFETY DATA SHEET
Medi-Dyne Healthcare Products, LLC BlisterShield

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Medi-Dyne Healthcare Products, LLC
1812 Industrial Blvd.
Colleyville, TX 76034

817-251-8660

REVISION DATE: 2014/5/30

PRODUCT CLASS: POLYOLEFIN BLEND *NOT WHMIS CONTROLLED.* HEALTH 1
FLAMMABILITY 1
SYNONYMS: NONE PHYSICAL HAZARD 0
CAS NUMBER: N/A MIXTURE PROTECTION E

2. OSHA HAZARDOUS COMPONENTS

NONE KNOWN

3. HAZARDOUS CONDITIONS

EMERGENCY OVERVIEW: WHITE POWDER WITH NO ODOR. SLIPPERY WHEN SPILLED. COMBUSTION OR OVERHEATING MAY CAUSE EVOLUTION OF PARTICULATE MATTER, WHICH CAN CAUSE POLYMER FUME FEVER, A TEMPORARY FLU-LIKE ILLNESS. SYMPTOMS MAY INCLUDE FEVER, CHILLS AND SOMETIMES COUGH, OF APPROXIMATELY 24 TO 48 HOURS DURATION.

4. EFFECTS OF OVEREXPOSURE

EYE: MAY CAUSE SLIGHT IRRITATION.

SKIN: REPEATED OR PROLONGED EXPOSURE MAY CAUSE SKIN IRRITATION.

INGESTION: INGESTION SHOULD BE AVOIDED.

INHALATION: MAY IRRITATE THE NOSE, THROAT AND RESPIRATORY TRACT.

CHRONIC EFFECTS: NONE KNOWN

CARCINOGEN: NTP: NOT LISTED IARC: NOT LISTED OSHA: NOT LISTED
CONDITIONS AGGRAVATED: NONE KNOWN.

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4. FIRST AID MEASURES

EYE: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.

SKIN: WASH WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS. A BURN FROM MOLTEN MATERIAL SHOULD BE TREATED AS A THERMAL BURN. HOT MATERIAL TENDS TO CLING TO FLESH, ESPECIALLY AFTER SOLIDIFYING. COOL AS SOON AS POSSIBLE. SEEK MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.

INHALATION: IF EXPOSED TO EXCESSIVE LEVELS OF DUST OR FUMES, REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN AND SEEK MEDICAL ATTENTION.

ROUTES OF ENTRY: INHALATION, INGESTION.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: >285°C (>545°F)

FLAMMABILITY LIMITS: LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: WATER FOG, FOAM, DRY CHEMICAL, AND CO₂

FIRE & EXPLOSION HAZARDS: COMBUSTION GENERATES HAZARDOUS FUMES. DIFFICULT TO IGNITE. STATIC CHARGES MAY BE GENERATED BY EMPTYING PACKAGES. HYDROGEN FLUORIDE FUMES EMITTED DURING A FIRE CAN REACT WITH WATER TO FORM HYDROFLUORIC ACID.

FIRE FIGHTING EQUIPMENT: USE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

6. ACCIDENTAL RELEASE MEASURES

SWEEP UP MATERIAL, AVOID GENERATING DUST. IF MATERIAL IS MOLTEN, ATTEMPT TO CONFINE THE SPILL UNTIL THE COOLING MATERIAL SOLIDIFIES, THEN SCRAPE UP AND DISPOSE OF PROPERLY. KEEP SPILLS AND CLEANING RUNOFF OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER.

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NOTE: SEE SECTION 8 FOR PERSONAL PROTECTIVE EQUIPMENT FOR SPILLS. CALL Medi-Dyne Healthcare Products, LLC 817-251-8660, IF ADDITIONAL INFORMATION IS REQUIRED.

7. HANDLING AND STORAGE

MAINTAIN UNDER PROPER STORAGE CONDITIONS. "PROPER STORAGE CONDITIONS" MEANS STORAGE IN SEALED CONTAINERS IN COOL (0° TO 50°C [32° TO 122°F]), DRY, WELL VENTILATED AREAS. AVOID EXCESSIVE TEMPERATURES, FREEZING CONDITIONS, AND SOURCES OF IGNITION. AVOID HUMIDITY AND MOISTURE. DO NOT CONTAMINATE PRODUCT.

ENFORCE NO SMOKING IN AREAS WHERE FLUOROPOLYMERS ARE HANDLED OR STORED. WASH HANDS AND FACE AFTER HANDLING TO AVOID TRANSFER OF FLUOROPOLYMER DUST ONTO CIGARETTES AND TOBACCO. USE WITH ADEQUATE VENTILATION.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: WEAR A NIOSH/MSHA APPROVED DUST MASK OR RESPIRATOR IF AIRBORNE CONCENTRATIONS ARE NOT MAINTAINED BELOW THE EXPOSURE LIMITS.

EYE PROTECTION: WEAR ANSI APPROVED (Z87.1) SAFETY GLASSES WITH SIDE SHIELD, OR GOGGLES. WEAR SAFETY GLASSES AND FACE SHIELD WHEN WORKING WITH MOLTEN MATERIAL.

SKIN PROTECTION: WEAR IMPERVIOUS GLOVES AND LONG SLEEVES TO MINIMIZE SKIN CONTACT.

ENGINEERING CONTROLS: PROVIDE GENERAL AND/OR LOCAL EXHAUST VENTILATION TO CONTROL AIRBORNE LEVELS BELOW THE EXPOSURE GUIDELINES.

EXPOSURE GUIDELINES: NIOSH TWA: 2 MG/M³ ACGIH TWA: 2 MG/M³

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: WHITE, FREE FLOWING POWDER **VAPOR PRESSURE (MMHG):** N/A

ODOR: NONE **VAPOR DENSITY (AIR = 1):** N/A

SOLUBILITY IN WATER: INSOLUBLE **BOILING POINT:** N/A

SPECIFIC GRAVITY: 1.1 **pH:** N/A

MELT POINT: APPROX. 320°C (608°F) /110°C (230°F) **% VOLATILE:** N/A

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10. STABILITY AND REACTIVITY

STABILITY: STABLE

CONDITIONS TO AVOID: ELEVATED TEMPERATURES; ALKALI METALS;
OXIDIZERS

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

DECOMPOSITION PRODUCTS: HYDROGEN FLUORIDE, CARBONYL FLUORIDE
AND OTHER EFFLUENTS EVOLVED AT ELEVATED TEMPERATURES

11. TOXICOLOGICAL INFORMATION

AMES TEST: NO INFORMATION AVAILABLE

LD50: NO INFORMATION AVAILABLE

PII VALUE: NO INFORMATION AVAILABLE

12. ECOLOGICAL INFORMATION

NO DATA AVAILABLE. NOT WATER SOLUBLE.

13. DISPOSAL CONSIDERATIONS

UNUSED PRODUCT IS NOT A RCRA WASTE. SHOULD BE DISPOSED OF IN ACCORDANCE
WITH FEDERAL, STATE AND LOCAL REGULATIONS AND LAWS (CONTACT LOCAL OR
STATE ENVIRONMENTAL AGENCY FOR SPECIFIC RULES).

14. TRANSPORTATION INFORMATION

NOT A DOT HAZARDOUS MATERIAL

EMERGENCIES: CHEMTREC (800) 424-9300 TDG: NOT CONTROLLED.

CALL Medi-Dyne (817)251-8660 IF ADDITIONAL INFORMATION IS REQUIRED.

15. REGULATORY INFORMATION

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TOXIC SUBSTANCES CONTROL ACT (TSCA): ALL COMPONENTS ARE INCLUDED IN THE TOXIC SUBSTANCES CONTROL ACT CHEMICAL SUBSTANCES INVENTORY. TSCA SECTION 12B: EXPORT NOTIFICATION IS REQUIRED FOR PTFE UNDER SECTION 4.

SARA TITLE III, SECTION 313 (40 CFR 372) TOXIC CHEMICALS: THIS PRODUCT DOES NOT CONTAIN A CHEMICAL, WHICH IS LISTED IN SECTION 313 AT OR ABOVE THE "DE MINIMIS" LEVEL.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) AND DOMESTIC SUBSTANCE LIST (DSL): ALL COMPONENTS OF THIS PRODUCT ARE INCLUDED ON THE CANADIAN DSL.

NATIONAL POLLUTANT RELEASE INVENTORY: DOES NOT CONTAIN ANY CHEMICALS LISTED ON THE CANADIAN NPRI LIST.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS): ALL COMPONENTS OF THIS PRODUCT ARE INCLUDED UNDER EINECS (MONOMER LISTED).

CALIFORNIA PROPOSITION 65: CONTAINS NO LISTED INGREDIENTS.

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS): ALL COMPONENTS OF THIS PRODUCT ARE INCLUDED ON THE AICS INVENTORY.

JAPANESE EXISTING & NEW CHEMICAL SUBSTANCES LIST (ENCS): ALL COMPONENTS OF THIS PRODUCT ARE INCLUDED ON THE ENCS INVENTORY.

OTHER INVENTORIES: KOREAN, CHINESE, PHILIPPINES, NEW ZEALAND

16. OTHER INFORMATION

N/A: NOT APPLICABLE N/D: NOT DETERMINED

N/I: NO INFORMATION N/E: NOT ESTABLISHED

PREPARED BY: Medi-Dyne Healthcare Products, LLC

THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS PRODUCT SPECIFICATIONS. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.