

**MATERIAL SAFETY DATA SHEET
MODIFIED ASPHALT TORCH ROLL**

SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: MODIFIED ASPHALT OR APP PRO, POLYESTER, WHIT GRANULES

SYNONYMS: APP BITUMEN ROOFING ROLL

USE: MODIFIED ASPHALT MEMBRANE FOR ROOFING PROTECTION.

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SECTION II. HAZARDS IDENTIFICATION



SIGNAL WORD: DANGER

GHS CLASSIFICATION: CARCINOGENICITY – CATEGORY 1A

SKIN SENSITIZATION – CATEGORY 1

RESPIRATORY SENSITIZATION – CATEGORY 1

SPECIFIC TARGET ORGAN TOXICITY, REPEATED EXPOSURE – CATEGORY 1

HAZARD STATEMENTS:

MAY CAUSE CANCER.

MAY CAUSE AN ALLERGIC SKIN REACTION.

MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED.

CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

ADDITIONAL HAZARD INFORMATION: CAN CAUSE SILICOSIS AND OTHER PERMANENT LUNG DAMAGE.

PRECAUTIONARY STATEMENTS:

PREVENTION

OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

DO NOT BREATHE DUST. WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.

DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.

IN CASE OF INADEQUATE VENTILATION, WEAR RESPIRATORY PROTECTION.

WASH HANDS AND EXPOSED SKIN THOROUGHLY AFTER HANDLING.

CONTAMINATED WORK CLOTHING MUST NOT BE ALLOWED OUT OF THE WORKPLACE.

RESPONSE

IF ON SKIN: WASH WITH PLENTY OF WATER. GET MEDICAL ADVICE/ATTENTION: IF EXPOSED OR CONCERNED OR YOU FEEL UNWELL; IF EYE, RESPIRATORY, AND OR SKIN IRRITATION PERSISTS.

SPECIFIC TREATMENT: SEE SECTION 4-FIRST AID IN CASE OF FIRE: SEE SECTION 5.

TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

IF INHALED: IF BREATHING IS DIFFICULT, REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING.

STORAGE

STORE LOCKED UP.

DISPOSAL

DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. (SEE SECTION 13 FOR ADDITIONAL INFORMATION).

SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	% WEIGHT	EXPOSURE LIMIT (ACGIH)	
			TLV - TWA	TLV-STEL
ASPHALT	8052-42-2	30-60	0.5 MG/M ³	NO ESTABLISHED
POLYPROPYLENE POLYMER	9003-07-0	5-10	NO ESTABLISHED	NO ESTABLISHED
CALCIUM CARBONATE	471-34-1	30-60	10 MG/M ³	NO ESTABLISHED
POLYESTER REINFORCEMENT MAT	N/A	3-6	NO ESTABLISHED	NO ESTABLISHED
POLYETHYLENE FILM	9002-88-4	1-3	NO ESTABLISHED	NO ESTABLISHED
COLOR ROOFING GRANULES	MIXTURE	25-40	NO ESTABLISHED	NO ESTABLISHED

SECTION IV. FIRST AID MEASURES

INHALATION: REMOVE TO FRESH AIR IMMEDIATELY AND NOTIFY MEDICAL PERSONNEL.

SKIN: AFTER CONTACT WITH SKIN, TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING AND WASH IMMEDIATELY WITH PLENTY OF SOAP AND WATER. IF IRRITATION DEVELOPS AND PERSISTS, GET MEDICAL ATTENTION.

EYE: IF FOREIGN MATTER ENTERS EYES, IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES OR UNTIL IRRITATION SUBSIDES. IF IRRITATION DEVELOPS, OR PERSISTS, SEEK MEDICAL ATTENTION.

INGESTION: CONSULT A PHYSICIAN. PRODUCT IS NOT INTENDED NOR IS IT LIKELY TO BE INGESTED OR EATEN.

SECTION V. FIRE FIGHTING MEASURES

FLASH POINT:	NOT AVAILABLE
AUTOIGNITION TEMPERATURE:	NOT AVAILABLE
LOWER EXPLOSION LIMIT:	NOT AVAILABLE
UPPER EXPLOSION LIMIT:	NOT AVAILABLE.
FLAMMABILITY:	NOT AVAILABLE
HAZARDOUS COMBUSTION PRODUCTS:	MAY EMIT HYDROGEN SULFIDE, FORMALDEHYDE, CARBON DIOXIDE, CARBON MONOXIDE AND OTHER LOW MOLECULAR WEIGHT HYDROCARBONS.

FIRE AND EXPLOSION HAZARDS:
ASPHALT FUMES ARE FLAMMABLE. TORCH, USED TO WELD WATERPROOFING MEMBRANES, CAN PRODUCE TEMPERATURES BEYOND 1100°C (2000°F). AVOID ALL CONTACT WITH MATERIALS SENSITIVE TO THESE TEMPERATURES.

FIRE FIGHTING INSTRUCTIONS:
EVACUATE THE AREA. WEAR SELF-CONTAINED BREATHING APPARATUS AND APPROPRIATE PROTECTIVE CLOTHING IN ACCORDANCE WITH STANDARDS. APPROACH FIRE FROM UPWIND AND FIGHT FIRE FROM MAXIMUM DISTANCE OR USE UNMANNED HOSE HOLDERS OR MONITOR NOZZLES. ALWAYS STAY AWAY FROM THE CONTAINERS AT THE TIME OF THE FIRE CONSIDERING THE HIGH RISK OF EXPLOSION. MOVE THE ROLLS OF MEMBRANE FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK. COOL THE ROLLS OF MEMBRANE WITH FLOODING QUANTITIES OF WATER UNTIL WELL AFTER FIRE IS OUT.

EXTINGUISHING MEDIA: FOAM, CO2, SAND, CHEMICAL POWDER.

SECTION VI. ACCIDENTAL RELEASE MEASURES

RELEASE OR SPILL: IF HOT MATERIAL IS SPILLED, ALLOW ENOUGH TIME TO COOL COMPLETELY AND REMOVE TO A CONTAINER FOR DISPOSAL. WEAR APPROPRIATE BREATHING APPARATUS (IF APPLICABLE) AND PROTECTIVE CLOTHING. NOTIFY APPROPRIATE ENVIRONMENTAL AGENCIES. WASH SPILL AREA WITH SOAP AND WATER.

DISPOSE OF THIS MATERIAL ACCORDING TO LOCAL ENVIRONMENTAL REGULATIONS.

SECTION VII. HANDLING AND STORAGE

HANDLING: DO NOT BREATHE DUST FROM THIS MATERIAL. KEEP THIS PRODUCT FROM HEAT, SPARKS, OR OPEN FLAME. USE THIS PRODUCT WITH ADEQUATE VENTILATION. ALWAYS WASH WORK CLOTHES SEPARATELY FROM OTHER CLOTHING... WASH THOROUGHLY AFTER HANDLING. USE PERSONAL PROTECTIVE EQUIPMENT.

STORAGE: STORE INDOORS IN A COOL, DRY, WELL-VENTILATED AREA. DO NOT HANDLE OR STORE NEAR AN OPEN FLAME, HEAT OR OTHER SOURCES OF IGNITION.

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: IS NOT NORMALLY REQUIRED. USE A NIOSH APPROVED/CERTIFIED RESPIRATORY WHEN THE EXPOSURE LIMITS ARE EXCEEDED. USE A PARTICULATE FILTER RESPIRATOR FOR PARTICULATE CONCENTRATIONS EXCEEDING THE OCCUPATIONAL EXPOSURE LIMIT.

EYE/FACE: SAFETY GLASSES WITH SIDE SHIELDS SHOULD BE WORN AT A MINIMUM.

HANDS PROTECTION: LEATHER OR COTTON GLOVES MAY BE WORN TO PREVENT SKIN CONTACT AND IRRITATION. NORMAL WORK CLOTHING (LONG SLEEVED SHIRTS AND LONG PANTS) IS RECOMMENDED.

ENGINEERING MEASURES/CONTROLS: NO SPECIAL VENTILATION SYSTEMS ARE REQUIRED UNDER NORMAL CONDITIONS OF USE.

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	SOLID PLY ROLLS
COLOR:	BLACK
ODOUR:	NOT AVAILABLE
pH:	NOT APPLICABLE
BOILING POINT:	NOT APPLICABLE.
FREEZING POINT:	NOT APPLICABLE
SOLUBILITY IN WATER (25°C):	NONE
SPECIFIC GRAVITY (H ₂ O=1):	1.35 g/ml
VAPOUR PRESSURE (20°C):	NOT APPLICABLE
VAPOUR DENSITY (AIR=1):	NOT APPLICABLE
VISCOSITY:	NOT APPLICABLE
VOLATIL ORGANIC COMPOUND:	NOT APPLICABLE

SECTION X. STABILITY AND REACTIVITY

STABILITY: STABLE UNDER NORMAL CONDITIONS OF USE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

CONDITIONS TO AVOID: KEEP AWAY FROM HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS.

INCOMPATIBLE MATERIALS: THIS PRODUCT WILL REACT WITH STRONG OXIDIZING AGENTS, REDUCING AGENTS AND STRONG ACIDS.

SECTION XI. TOXICOLOGICAL INFORMATION

EYE – CAN CAUSE EYE IRRITATION.

SKIN – CAN CAUSE SKIN IRRITATION AND/OR SENSITIZATION.

INHALATION – DUST MAY CAUSE UPPER RESPIRATORY IRRITATION AND/OR SENSITIZATION.

INGESTION – MAY CAUSE HARMFUL EFFECTS IF SWALLOWED.

THE EXPOSURE TO THE PRODUCT ABOVE THE LIMITS OF EXPOSURE IS NOT LIKELY TO OCCUR CONSIDERING ITS FORM (INCORPORATED IN THE MIXTURE) AND THE PROVIDED USE. THE LIMIT OF EXPOSURE IS GIVEN FOR REFERENCE ONLY.

ASPHALT MEMBRANE. ASPHALT ODOUR. UNDER NORMAL USE, THIS PRODUCT IS NOT EXPECTED TO CREATE ANY HEALTH OR ENVIRONMENTAL HAZARD. INHALATION OF DUST OR OF ASPHALTFUMES CAN CAUSE A RESPIRATORY IRRITATION AND/OR CONGESTION.

ASPHALT: ACCORDING TO THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC): NOT CLASSIFIABLE AS TO ITS CARCINOGENICITY TO HUMANS. EPIDEMIOLOGICAL STUDIES OF ROOFERS HAVE GENERALLY DEMONSTRATED AN EXCESS OF LUNG CANCER IN THESE WORKERS. HOWEVER, IT IS UNCLEAR TO WHAT EXTENT THESE CANCERS MAY BE ATTRIBUTABLE TO ASPHALT EXPOSURES DURING ROOFING OPERATIONS, SINCE IN THE PAST, ROOFERS HAVE BEEN EXPOSED TO COAL TAR AND ASBESTOS, WHICH ARE KNOWN HUMAN LUNG CARCINOGENS. TRACE AMOUNTS OF POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS) MAY BE PRESENT IN SOME ASPHALTS AND CAN BE RELEASED UPON EXCESSIVE HEATING. SOME OF THESE PAHS HAVE BEEN IDENTIFIED AS HAVING THE POTENTIAL TO INDUCE CARCINOGENIC AND REPRODUCTIVE HEALTH EFFECTS.

WARNING: CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

SECTION XII. ECOLOGICAL INFORMATION ENVIRONMENTAL EFFECTS

BIODEGRADABILITY: NO DATA.

THIS PRODUCT HAS NOT BEEN TESTED. BASED ON INFORMATION RELATED TO ALL RAW MATERIALS IN THE FINISHED PRODUCT IT IS NOT EXPECTED TO HARM ECOSYSTEMS THROUGH ITS APPLIED USE.

SECTION XIII. DISPOSAL CONSIDERATIONS

THIS PRODUCT IS NOT HAZARDOUS WASTE. CONSULT LOCAL OR STATE AUTHORITIES TO KNOW DISPOSAL METHODS.

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE. HOWEVER, NEITHER THE ABOVE NAMED SUPPLIER ASSUMES ANY LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN. FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER. ALL MATERIALS MAY PRESENT UNKNOWN HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

SECTION XIV. TRANSPORTATION INFORMATION

THIS PRODUCT IS NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORT UNDER 49 CFR OR FOR VESSEL TRANSPORT UNDER THE IMDG CODE.

DOT PROPER SHIPPING NAME: NOT APPLICABLE

DOT HAZARD CLASSIFICATION: NOT APPLICABLE
DOT LABELING REQUIREMENTS: NOT APPLICABLE
UN/NA NUMBER: NOT APPLICABLE
PACKING GROUP: NOT APPLICABLE
IMDG CODE: NOT APPLICABLE
IMDG SHIPPING NAME: NOT APPLICABLE
IMDG HAZARD CLASS: NOT APPLICABLE
UN/ID NUMBER: NOT APPLICABLE
PACKING GROUP NUMBER: NOT APPLICABLE

SECTION XV. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA): SOME COMPONENTS IN THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA): NONE
SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA), TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: NONE.

SECTION 311/312 HAZARD CATEGORIES: SEE SECTION 2 OF THE SDS.

SECTION 313 REPORTABLE INGREDIENTS: NONE.

SECTION XVI. OTHER INFORMATION

HMIS Rating: Health - * 1 Flammability - 1 Reactivity - 0	NFPA Rating: Health - 1 Flammability - 1 Reactivity - 0
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DISCLAIMER: THE INFORMATION PROVIDED IN THIS SAFETY DATA SHEET IS CORRECT TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF AT THE DATE OF ITS PUBLICATION. THE INFORMATION GIVEN IS DESIGNED ONLY AS A GUIDANCE FOR SAFE HANDLING, USE, PROCESSING, STORAGE, TRANSPORTATION, DISPOSAL AND RELEASE AND IS NOT TO BE CONSIDERED A WARRANTY OR QUALITY SPECIFICATION.