

MSDS B4030

ITEM: 3GYH2 - Roof Repair Tape Kit, 4 In x 5 Ft, Black

DELIVERY: 6255940591

HU NUMBER: U662699074

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - B4030

Associated Grainger Items
2MDY8,3GYH2

MATERIAL SAFETY DATA SHEET

(MABM202P)

PROVIDED BY:
ETERNABOND, INC.
75 E. DIVISION ST.
MUNDELEIN, IL 60060
847-837-9400

THIS FORM IS DESIGNED TO MEET THE REQUIREMENTS OF THE U.S. LABOR DEPARTMENT
OSHA FORM NO 174.

-----SECTION I - PRODUCT IDENTIFICATION-----

PRODUCT: ETERNABOND LOW TEMP UV PROTECTOR BLACK AND SILVER

24 HOUR EMERGENCY ASSISTANCE - INFOTRAC: (800)-535-5053

CHEMICAL NAME: N/A

CHEMICAL FAMILY: PETROLEUM HYDROCARBON

HMIS/NFPA HAZARD RATINGS:
HEALTH HAZARD 2
FLAMMABILITY HAZARD 2
REACTIVITY HAZARD 0

-----SECTION II - HAZARDOUS COMPONENTS-----

INGREDIENT	CAS NO.	WEIGHT %	OSHA PEL-TWA CFR 29-1993
ASPHALT, OXIDIZED	64742-93-4	40-60	5 MG/M3
STODDARD SOLVENT	8052-41-3	20-40	100 PPM

-----SECTION III - PHYSICAL DATA-----

BOILING POINT RANGE: 300-360 DEG.

PERCENT VOLATILE BY VOLUME: 40-50

VAPOR PRESSURE: 26 MMHg

EVAPORATION RATE: 19

VAPOR DENSITY: 4+

APPEARANCE AND ODOR: BLACK ASPHALT MASTIC, HYDROCARBON SOLVENT ODOR

SOLUBILITY IN WATER: NEGLIGIBLE

SPECIFIC GRAVITY: 1.02

-----SECTION IV - FIRE AND EXPLOSION HAZARD DATA-----

FLASH POINT AND METHOD: 102 DEG. F (PMCC)

FLAMMABLE LIMITS:

LEL: 0.5%
UEL: 6.0%

EXTINGUISHING MEDIA:

CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG. SOLID STREAMS OF WATER MAY
BE INEFFECTIVE.

SPECIAL FIRE FIGHTING PROCEDURES:

USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES AND TO PROTECT PERSONNEL.
APPLY WATER FROM AS GREAT A DISTANCE AS POSSIBLE. WATER OR FOAM MAY
CAUSE FROTHING. KEEP RUN OFF WATER OUT OF SEWERS AND WATER SOURCES.
PRESSURE-DEMAND, SELF-CONTAINED RESPIRATORY PROTECTION SHOULD BE PROVIDED
FOR FIRE FIGHTERS IN BUILDINGS OR CONFINED SPACES WHERE THIS PRODUCT IS
STORED.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

DO NOT STORE NEAR STRONG OXIDANTS OR OPEN FLAME. SMOKE FROM FIRE MAY BE
HAZARDOUS. IF STORAGE CONTAINERS ARE EXPOSED TO EXCESSIVE HEAT,
OVER-PRESSURIZATION OF THE CONTAINERS CAN RESULT.

-----SECTION V - HEALTH HAZARD DATA-----

SUMMARY OF RISKS:

THIS PRODUCT IS AN IRRITANT, A SKIN HAZARD, AN EYE HAZARD, AND A TOXIC
AGENT.

TARGET ORGANS: BLOOD, NERVOUS SYSTEM, LUNGS, KIDNEYS.

EFFECTS OF OVEREXPOSURE:

EYES: CAN CAUSE IRRITATION.

INHALATION:

EXCESSIVE INHALATION MAY PRODUCE SYMPTOMS OF CENTRAL NERVOUS SYSTEM
DEPRESSION, SUCH AS LIGHT HEADEDNESS, NAUSEA AND VOMITING. INHALATION MAY
CAUSE RESPIRATORY IRRITATION.

SKIN: MAY CAUSE IRRITATION, DEFATTING AND /OR DERMATITIS.

CARCINOGENICITY:

WHILE OSHA DOES NOT REQUIRE LABELING OF THIS PRODUCT, GOOD HYGIENE SHOULD
BE PRACTICED WHEN HANDLING ANY PETROLEUM PRODUCT. THE INTERNATIONAL AGENCY

FOR RESEARCH ON CANCER (IARC) STATES THAT THERE IS INADEQUATE EVIDENCE THAT
PETROLEUM BITUMEN'S ALONE ARE CARCINOGENIC TO HUMANS. HOWEVER, IT STATES
THAT EXTRACTS OF STEAM-REFINED PETROLEUM BITUMEN, AIR REFINED PETROLEUM
BITUMEN, AND POOLED MIXTURES OF STEAM AND AIR REFINED PETROLEUM BITUMEN
HAVE CAUSED TUMORS IN EXPERIMENTAL ANIMALS (MICE) WHEN PAINTED ON THE
ANIMALS FREQUENTLY OVER LONG PERIODS OF TIME.

EMERGENCY AND FIRST AID PROCEDURES:

EYES:

FLUSH WITH WATER FOR AT LEAST 15 MINUTES LIFTING UPPER AND LOWER LIDS AND
SEEK IMMEDIATE MEDICAL ATTENTION.

INGESTION:

DO NOT INDUCE VOMITING. THIS MATERIAL IS NOT SOLUBLE. DO NOT GIVE FLUIDS.
IF SPONTANEOUS VOMITING IS INEVITABLE, PREVENT ASPIRATION BY KEEPING THE
VICTIM'S HEAD BELOW THE KNEES. GET IMMEDIATE MEDICAL ATTENTION.

INHALATION:

REMOVE TO FRESH AIR. CALL A PHYSICIAN IF NECESSARY. IF BREATHING STOPS,
BEGIN ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN.

SKIN:

REMOVE WITH WATERLESS HAND CLEANER. WASH WITH SOAP AN LARGE QUANTITIES
OF WATER. SEEK MEDICAL ATTENTION IF IRRITATION FORM CONTACT PERSISTS.
REMOVE AND LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

CHEMICALS CONTAINED HEREIN LISTED AS CARCINOGENS OR POTENTIAL CARCINOGENS:
NONE. (SEE HEALTH HAZARD DATA)

-----SECTION VI - REACTIVITY DATA-----

STABILITY: STABLE.

CONDITIONS TO AVOID:

AVOID OPEN FLAMES, WELDING ARCS OR OTHER HIGH TEMPERATURE SOURCES THAT
INDUCE THERMAL DECOMPOSITION.

INCOMPATIBILITY (MATERIAL TO AVOID):

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:

UNDER FIRE CONDITIONS - MAY FORM TOXIC MATERIALS; CARBON DIOXIDE AND
MONOXIDE, OXIDES OF SULFUR, H2S AND OTHER DECOMPOSITION PRODUCTS, IN THE
CASE OF INCOMPLETE COMBUSTION.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

-----SECTION VII - SPILL OR LEAK PROCEDURES-----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SHUT OFF SOURCES OF IGNITION. SHUT OFF LEAK, IF POSSIBLE WITHOUT RISK.
KEEP PEOPLE AWAY. RECOVER FREE LIQUID. ADD ABSORBENT TO SPILL AREA.
AVOID BREATHING VAPORS. VENTILATE ENCLOSED SPACES. KEEP OUT OF STREAMS
AND SEWERS.

WASTE DISPOSAL METHOD:

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

"EMPTY" CONTAINERS RETAIN PRODUCT RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE
DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR
EXPOSE SUCH CONTAINERS TO HEAT, FLAME SPARKS, STATIC ELECTRICITY OR OTHER
SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. EMPTY
DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED AND PROMPTLY RETURNED
TO A DRUM RE-CONDITIONER, OR PROPERLY DISPOSED OF.

-----SECTION VIII - SPECIAL PROTECTION INFORMATION-----

RESPIRATORY PROTECTION:

USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR FOLLOWING MANUFACTURER'S
RECOMMENDATIONS WHENEVER EXPOSURE LIMITS ARE EXCEEDED OR UNKNOWN. ORGANIC
VAPOR RESPIRATORS CAN BE USED WITH GOOD VENTILATION WHEN ORGANIC VAPORS ARE
LESS THAN 1000 PPM OR TEN TIMES PERMISSIBLE EXPOSURE LIMIT, WHICHEVER IS
LESS. USE SUPPLIED AIR RESPIRATOR IN POSITIVE PRESSURE MODE FOLLOWING ANSI
Z88.2-1992 FOR TANK AND CONFINED SPACE ENTRY.

EYE PROTECTION: CHEMICAL GOGGLES

VENTILATION:

WORK IN WELL-VENTILATED AREAS. WHERE ENGINEERING CONTROLS ARE NOT FEASIBLE
USE ADEQUATE LOCAL EXHAUST VENTILATION WHERE MIST, SPRAY OR VAPOR MAY BE
GENERATED. MAINTAIN EXPOSURE LIMITS BELOW THE TLV.

PROTECTIVE GLOVES: RUBBER GLOVES SHOULD BE WORN.

-----SECTION IX - SPECIAL PRECAUTIONS-----

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER
CLOSED. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. AVOID BREATHING
VAPORS. DO NOT TAKE INTERNALLY. STORE IN A COOL PLACE. STORE IN TIGHTLY
CLOSED CONTAINERS AWAY FROM HEAT, OPEN FLAME, SPARKS OR STRONG OXIDIZING
AGENTS. DO NOT STORE IN ALUMINUM CONTAINERS. USE ONLY IN A WELL VENTILATED
AREA. USE ONLY NON-SPARKING TOOLS. VAPORS ARE HEAVIER THAN AIR AND WILL
COLLECT IN LOW AREAS SUCH AS PITS. CHRONIC OVEREXPOSURE MAY CREATE HEALTH
RISKS. A COMPONENT USED IN THE PRODUCT HAS BEEN CLASSIFIED AS A CARCINOGEN.

-----SECTION X - NOTES-----

NOTE:

N/A = NOT APPLICABLE

N/E = NOT ESTABLISHED

ISSUE DATE: OCTOBER 7, 1998

ISSUED BY: KEN KONOPKA

REVISION DATE:

REVIEW DATE: JANUARY 21, 2000

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ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE EPA/TSCA INVENTORY OR CHEMICAL SUBSTANCES.

1/22/03