

MATERIAL SAFETY DATA SHEET

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I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: AUTOMOTIVE PINCHWELD PRIMER
HMIS Ratings:
 Health: Slight(1)
 Flammability: Serious(3)
 Instability/Reactivity: Minimal(0)
 Personal Protective Equipment: H SAFETY GLASSES
 GLOVES, APRON, VAPOR RESPIRATOR.

NFPA Ratings:

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
CARBON BLACK	1333-86-4		3.5MG/M3				
Notes							
LIGHT ALIPHATIC SOLVENT NAPHTHA	64742-89-8		300PPM	500PPM			
Notes							

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes: CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION.
Skin: CAN CAUSE REDNESS, IRRITATION, DEFATTING, DERMATITIS.
Ingestion: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.
Inhalation: PROLONGED INHALATION OF VAPORS MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING VAPOR MAY BE HARMFUL OR FATAL.
Signs and Symptoms of Exposure: IRRITATION, REDNESS.
Other: CHRONIC EFFECTS: (INCLUDE ALL POTENTIAL CARCINOGENS PRESENT @ .1% OR GREATER) PROLONGED OR REPEATED CONTACT WITH THE SKIN CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS. THIS PRODUCT CONTAINS CARBON BLACK, CATEGORY 2B (KNOWN ANIMAL CARCINOGEN, POSSIBLE HUMAN CARCINOGEN). CARCINOGENICITY: NTP?NO; IARC MONOGRAPHS?YES; OSHA REGULATED? NO.

IV. FIRST AID MEASURES

Eyes: FLUSH WITH LARGE AMOUNTS OF WATER, FREQUENTLY FLUSHING UNDER THE LIDS. SEEK MEDICAL ATTENTION.
Skin: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Ingestion: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

Inhalation: REMOVE AFFECTED PERSON TO FRESH AIR, GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS NECESSARY TO ASSIST BREATHING. GET MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

Flash Point: 18°F

Test Method: TAG CLOSED CUP

Lower Flammability Limit: 1.2%

Upper Flammability Limit: N/A

Extinguishing Agents: FOAM, DRY CHEMICAL OR CARBON DIOXIDE. WATER MAY BE INEFFECTIVE, BUT WATER SHOULD BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Unusual Fire or Explosion Hazards: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND AND BE IGNITED BY IGNITION SOURCES DISTANT FROM THE HANDLING POINT. RESIDUE IN "EMPTY" CONTAINER MAY BE EXPLOSIVE IF EXPOSED TO AN IGNITION SOURCE. TO PREVENT FIRE OR EXPLOSION FROM STATIC ACCUMULATION AND DISCHARGE, EFFECTIVELY GROUND THE PRODUCT TRANSFER SYSTEM.

Fire Fighting Procedures: TREAT AS A CLASS "B" FIRE. LIMIT FIRE FIGHTING TO THOSE TRAINED TO DO SO. IF A LEAK OR SPILL HAS IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS AND TO PROTECT THE MEN ATTEMPTING TO STOP THE LEAK. MINIMIZE BREATHING GASES, VAPOR, FUMES, OR DECOMPOSITION PRODUCTS. USE SUPPLIED-AIR BREATHING EQUIPMENT FOR ENCLOSED OR CONFINED SPACES OR AS OTHERWISE NEEDED.

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup: ELIMINATE ALL IGNITION SOURCES. CONTROL THE SOURCE OF THE SPILL IF IT IS SAFE TO DO SO. VENTILATE ENCLOSED AREAS TO PREVENT VAPOR ACCUMULATION. RESTRICT ACCESS BY UNAUTHORIZED PERSONNEL. ABSORB SPILLED PRODUCT WITH VERMICULITE OR OTHER ABSORBENT MATERIAL. SHOVEL OR SCOOP INTO A SEALABLE CONTAINER FOR DISPOSAL.

VII. HANDLING AND STORAGE

Other: DO NOT STORE OR HANDLE NEAR AN IGNITION SOURCE. KEEP CONTAINERS CLOSED. EFFECTIVELY GROUND THE PRODUCT TRANSFER SYSTEM TO PREVENT FIRE OR EXPLOSION FROM STATIC DISCHARGE. EMPTY CONTAINERS MAY CONTAIN RESIDUAL PRODUCT. DO NOT REUSE CONTAINERS UNLESS PROPERLY RECONDITIONED.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: SAFETY GLASSES WITH SIDE SHIELDS.

Skin: GLOVES: BUNA-N, IF NEEDED. CLOTHING/ARTICLES: TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS IF CONTACT IS LIKELY.

Respiratory: FOR LARGE SPILLS OR ENTRY INTO ENCLOSED SMALL SPACES WITH INADEQUATE VENTILATION, A PRESSURE DEMAND, SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED. IF ENGINEERING OR ADMINISTRATIVE CONTROLS ARE NOT ADEQUATE TO MAINTAIN SOLVENT

TLV BELOW RECOMMENDED LEVELS. AN APPROPRIATE RESPIRATOR SHOULD BE USED IN CONJUNCTION WITH A RESPIRATOR USE AND FIT TRAINING PROGRAM.

Engineering:

VENTILATION: GENERAL EXHAUST AS NEEDED TO KEEP TLV BELOW RECOMMENDED LEVELS IF ENGINEERING OR ADMINISTRATIVE CONTROLS ARE NOT ADEQUATE.

Other:

WORK/HYGIENIC PRACTICES: MINIMIZE BREATHING VAPOR. AVOID PROLONGED OR REPEATED CONTACT WITH THE SKIN. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. CLEAN SKIN THOROUGHLY AFTER CONTACT, BEFORE WORK BREAKS AND MEALS, AND AT THE END OF THE WORK DAY. PRODUCT IS READILY REMOVED FROM THE SKIN WITH WATERLESS HAND CLEANERS FOLLOWED BY WASHING THOROUGHLY WITH SOAP AND WATER. EYE WASH STATIONS SHOULD BE AVAILABLE WHERE PRODUCT MAY COME IN CONTACT WITH THE EYES.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	BLACK LIQUID
Boiling Point:	185°F
Solubility in Water:	<0.5%
Specific Gravity:	0.82–0.84
Vapor Pressure:	38 MMHG @ 68°F, 20°C
Vapor Density:	3.6
Physical State:	LIQUID
Volatile Content:	% VOLATILES: 74–75%
Other:	PERCENT SOLIDS (BY WEIGHT): 25–26% EVAPORATION RATE (ETHYL ETHER=1): 3.50

X. STABILITY AND REACTIVITY

Stability:	STABLE
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Hazardous Polymerization: WILL NOT OCCUR.

Hazardous Decomposition Products: IN THE EVENT OF PARTIAL COMBUSTION, FUMES, SMOKE, CARBON MONOXIDE, ALDEHYDES, AND OTHER DECOMPOSITION PRODUCTS MAY BE RELEASED.

Incompatible Products: AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Conditions To Avoid: NONE KNOWN.

XI. TOXICOLOGICAL INFORMATION

XII. ECOLOGICAL INFORMATION

XIII. DISPOSAL CONSIDERATIONS

Disposal Method: IF THIS PRODUCT BECOMES A WASTE, IT IS CONSIDERED A HAZARDOUS WASTE DUE TO ITS IGNITABILITY. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL ENVIRONMENTAL AND WASTE REGULATIONS.

XIV. TRANSPORT INFORMATION

D.O.T. Shipping Name: ADHESIVE, CONTAINING FLAMMABLE LIQUID

D.O.T. Hazard Class: 3, UN1133, PGII

XV. REGULATORY INFORMATION

TSCA Status: ALL COMPONENTS ARE INCLUDED IN THE EPA TOXIC SUBSTANCE CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.

EPA Sara Title III Chemical Listings: EPA SARA TITLE III HAZARD CLASS (40CFR370): ACUTE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD. EPA SARA TITLE III SECTION 313 (40CFR372): THERE ARE NO LISTED TOXIC CHEMICALS PRESENT IN QUANTITIES GREATER THAN THE DE MINIMIS LEVEL. EPA SARA TITLE III (40CFR355): THERE ARE NO COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH WOULD REQUIRE REPORTING.

California: CALIFORNIA PROPOSITION 65 (SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986): THIS PRODUCT CONTAINS A LISTED SUBSTANCES, WHICH THE STATE OF CALIFORNIA HAS FOUND TO CAUSE CANCER, BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM, WHICH WOULD REQUIRE A WARNING UNDER THE STATUTE.

Other: IF THIS PRODUCT BECOMES A WASTE, IT MEET THE CRITERIA OF A HAZARDOUS WASTE AS DEFINED UNDER RCRA 40CFR261: IGNITABILITY.

XVI. OTHER INFORMATION

WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, 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.