

FROM : ONE SHOT LLC

FAX NO. : 219 949 1612

May. 15 2001 11:24AM P7

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*Read 05-15-01*

MATERIAL SAFETY DATA SHEET  
FOR COATINGS, RESINS AND RELATED MATERIALS

11/96

SECTION I - GENERAL INFORMATION

MANUFACTURED BY: **One Shot, LLC**  
5300 W. 5<sup>th</sup> Avenue, Gary, Indiana 46406  
Phone: 219-949-1684 FAX: 219-949-1612

*copy*

TELEPHONE: (219) 949-1684  
MANUFACTURER'S IDENTIFICATION CODE: 5004, 5005, 5006  
PRODUCT CLASS: PRIMERS  
TRADE NAME: "1 SHOT"® VINYL PRIMER  
"1 SHOT"® ACRYLIC BONDING PRIMER  
"1 SHOT"® METAL PRIMER WHITE

FOR CHEMICAL EMERGENCY

Spill, Leak, Fire, Exposure or Accident  
Call Toll Free - Day or Night  
CHEMTREC: 1-800-424-9300

MEDICAL ADVISORY NUMBER:  
CONTACT YOUR  
LOCAL POISON CONTROL CENTER  
OR CALL 1-800-854-6813

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS NO.	PEL	TWA	STEL	5004	5005	5006
					<u>§</u>	<u>§</u>	<u>§</u>
* ACRYLONITRILE	107-13-1	2 PPM	2 PPM	10 PPM	1-1	-	-
* CHLOROTHALONIL	1897-45-6	N.E.	N.E.	N.E.	-	1-1	-
* DIETHYLENE GLYCOL	111-90-0	N.E.	N.E.	N.E.	1-5	-	-
* ETHYLENE GLYCOL	107-21-1	N.E.	50 PPM	N.E.	-	1-5	-
MINERAL SPIRITS	8052-41-3	500 PPM	100 PPM	N.E.	-	-	10-20
N-METHYLPYRROLIDONE	972-50-4	N.E.	N.E.	N.E.	1-5	-	-
* STYRENE	100-42-5	50 PPM	50 PPM	100 PPM	1-1	-	-
V.M. & P. NAPHTHA	64742-89-8	500 PPM	300 PPM	N.E.	-	-	10-20
* XYLENE	1330-20-7	100 PPM	100 PPM	N.E.	-	-	1-5
* ZINC OXIDE	1314-13-2	5 MG/M3	5 MG/M3	N/A	-	-	10-20

V-1050

\* This is a toxic chemical subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372.

SECTION III - PHYSICAL DATA

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	5004	5005	5006
BOILING POINT:	212°F	212°F	282-390°F
% VOLATILE BY VOLUME:	60%-70%	50%-60%	50%-60%
EVAPOR RATE (ETHER=1):	SLOWER THAN ETHER	SLOWER THAN ETHER	SLOWER THAN ETHER
VAPOR DENSITY (AIR=1):	HEAVIER THAN AIR	HEAVIER THAN AIR	HEAVIER THAN AIR

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

FLASH POINT: 5004 - N.A.  
 5005 - N.A.  
 5006 - 102°F

METHOD USED: PMCC

**FLAMMABILITY CLASSIFICATION**

5004, 5005: OSHA/DOT - N.A. Water-base, NMFC149980  
 5006: OSHA - Combustible Liquid Class II  
 DOT - Combustible Liquid

FLAMMABLE LIMITS (LEL): 5004 - 1.2%

5005, 5006 - 1.7-1

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM

SPECIAL FIRE FIGHTING PROCEDURES: WATER SPRAY MAY BE INEFFECTIVE. WATER SPRAY SHOULD BE USED TO COOL CONTAINERS EXPOSED TO FIRE. DO NOT ENTER THE FIRE AREA WITHOUT PROPER PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

CONDITIONS OF FLAMMABILITY: AVOID SOURCES OF IGNITION, FLAME, STATIC ELECTRICITY, HEAT OR ELECTRICAL SPARK.

SENSITIVITY TO MECHANICAL IMPACT: N.E.

SENSITIVITY TO STATIC DISCHARGE: CONTAINERS SHOULD BE GROUNDED WHEN POURING. ALL ELECTRICAL EQUIPMENT AND INSTALLATIONS SHOULD BE MADE AND GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. WORKERS ARE REQUIRED TO USE ONLY NON-FERROUS TOOLS AND WEAR NON-SPARKING SHOES IN AREAS WHERE EXPLOSION HAZARDS EXIST.

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**SECTION V - REACTIVITY DATA**

STABILITY: STABLE  
 CONDITIONS TO AVOID: EXCESSIVE HEAT  
 INCOMPATIBILITY (MATERIALS TO AVOID): AVOID CONTACT WITH: STRONG OXIDIZING AGENTS.  
 HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO<sub>2</sub>, NO<sub>x</sub>  
 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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**SECTION VI - TOXICOLOGICAL PROPERTIES**

THRESHOLD LIMIT VALUE: SECTION II

**EFFECTS OF ACUTE OVEREXPOSURE**

INHALATION - CAN CAUSE IRRITATION OF THE RESPIRATORY TRACT, HEADACHE, NAUSEA, CENTRAL NERVOUS SYSTEM DEPRESSION, FATIGUE OR UNCONSCIOUSNESS.  
 INGESTION - SEVERE GASTROINTESTINAL DISTURBANCES CAN OCCUR INCLUDING NAUSEA, VOMITING, ANOREXIA, AND CONSTIPATION. ASPIRATION OF THIS PRODUCT INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONIA WHICH MAY BE FATAL.  
 EYES - CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING AND BLURRED VISION. CONJUNCTIVAL AND CORNEAL INJURY MAY ALSO RESULT.  
 SKIN - CAN CAUSE IRRITATION AND DRYING OF SKIN. MAY ALSO CAUSE DERMATITIS AND ULCERATIONS.

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## EFFECTS OF CHRONIC OVEREXPOSURE

INHALATION AND INGESTION - PROLONGED OVEREXPOSURE TO SOLVENTS CAN CAUSE KIDNEY, LIVER AND OTHER SYSTEMIC DAMAGE. EXPOSURE TO SOLVENTS FOR PROLONGED TIMES AT MODERATE LEVELS CAN AFFECT HIGHER BRAIN FUNCTIONS AND MENTAL CAPACITY.

OTHER PRECAUTIONS: CHRONIC OVEREXPOSURE TO, AND MISUSE OF, SOLVENTS HAS BEEN LINKED TO PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

SENSITIZATION: SEE OVEREXPOSURE EFFECTS  
 TERATOGENICITY: N.E.  
 MUTAGENICITY: N.E.

TOXICOLOGICAL SYNERGISTIC PRODUCTS: N.E.

## SECTION VII - PREVENTIVE MEASURES

RESPIRATORY PROTECTION: ORGANIC VAPOR RESPIRATOR WITH PARTICULATE FILTER APPROVED BY NIOSH.  
 PROTECTIVE GLOVES: BUTYL RUBBER OR EQUIVALENT.  
 EYE PROTECTION: SPECTACLES WITH SIDE SHIELDS.  
 OTHER PROTECTIVE EQUIPMENT: NONE

## VENTILATION

LOCAL EXHAUST: PREFERRED - PAINT SPRAY BOOTH, 150 FPM FACE VELOCITY.  
 SPECIAL: NONE  
 MECHANICAL (GENERAL): ACCEPTABLE FOR SMALL VOLUME APPLICATIONS.  
 OTHER: NONE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ELIMINATE ALL HEAT SOURCES, OPEN FLAMES, AND OTHER SOURCES OF IGNITION. ABSORB WITH SOLID ADSORBENT. SHOVEL (NON-FERROUS) INTO CONTAINERS. IF LARGE QUANTITIES ARE SPILLED, PERSONAL PROTECTIVE EQUIPMENT MAY BE REQUIRED.

WASTE DISPOSAL METHOD: DISPOSE AS PAINT WASTE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. DO NOT INCINERATE UNOPENED CONTAINERS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: SECURE CLOSURES AND KEEP CONTAINERS UPRIGHT TO PREVENT LEAKAGE. STORE IN COOL, WELL VENTILATED AREA AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.

OTHER PRECAUTIONS: AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES. DO NOT FLAME CUT, BRAZE, OR WELD WITHOUT NIOSH/MSHA-APPROVED MECHANICAL FILTER RESPIRATOR OR APPROPRIATE AND ADEQUATE VENTILATION. IF WORKERS ARE EXPOSED TO SPRAY APPLICATION OR ABRASIVE BLAST CLEANING, ENGINEERING AND ADMINISTRATIVE CONTROLS MUST BE USED TO MAINTAIN AN EXPOSURE LEVEL BELOW THE OSHA REQUIRED LEVEL, OR, USE A NIOSH/MSHA-APPROVED MECHANICAL FILTER RESPIRATOR FOR PROTECTION.

SPRAY APPLICATION: IF THE PRODUCT IS SPRAY APPLIED, USE A PARTICULATE RESPIRATOR. IF YOU CANNOT, OR, ARE UNSURE IF YOU KNOW HOW TO USE THIS PRODUCT IN A SAFE AND RESPONSIBLE MANNER, INCLUDING, BUT NOT LIMITED TO THE ABOVE PRECAUTIONS, DO NOT USE THIS PRODUCT.

SPECIAL SHIPPING INFORMATION: PAINT MUST BE SHIPPED IN METAL CONTAINERS AND PACKED IN STRONG OUTSIDE CARTONS (DOT-12B 30) WITH THE UN NUMBER (UN 1263), THE DESCRIPTION OF THE MATERIAL, AND THE FLASH POINT MARKED ON THE OUTSIDE PACKAGE.

## SECTION VIII - FIRST AID MEASURES

INHALATION - IF OVERCOME BY VAPORS, REMOVE TO FRESH AIR. IF NOT BREATHING, RESTORE BREATHING. GET MEDICAL HELP OR A PHYSICIAN IMMEDIATELY.  
 EYE CONTACT - FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. GET MEDICAL HELP OR A PHYSICIAN IMMEDIATELY.  
 SKIN CONTACT - REMOVE EXCESS MATERIAL WITH PAPER TOWELS OR RAGS. WASH WITH MILD SOAP AND WARM WATER. IF ANY REDNESS OR SWELLING PERSISTS, GET MEDICAL ATTENTION.

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INGESTION - IF INGESTED, DO NOT INDUCE VOMITING. GET MEDICAL HELP OR A PHYSICIAN IMMEDIATELY.

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SECTION IX - REGULATORY INFORMATION

SARA 313 / TITLE III: THIS PRODUCT LINE CONTAINS TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN. WE ACCEPT NO RESPONSIBILITY AND DISCLAIM ALL LIABILITY FOR ANY HARMFUL EFFECTS WHICH MAY BE CAUSED BY EXPOSURE TO OUR PRODUCTS. CUSTOMERS/USERS OF THIS PRODUCT MUST COMPLY WITH ALL APPLICABLE HEALTH AND SAFETY LAWS, REGULATIONS, AND ORDERS.