

MATERIAL SAFETY DATA SHEET

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Name: ROSCO LABORATORIES INC.
Address: 36 BUSH AVENUE
PORT CHESTER, NY 10573
Phone: (914) 937-1300

EMERGENCY TELEPHONE: (914) 937-1300

SECTION I: PRODUCT

NUMBER: 6050
NAME: TOUGH PRIME
CLASS: ACRYLIC LATEX PRIMER

HMS HAZARD CODE
HEALTH: 1 SLIGHT
FLAMMABILITY: 0 MINIMAL
REACTIVITY: 0 MINIMAL
PROTECTIVE EQUIPMENT: C

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT MATERIAL DESCRIPTION	% BY WT.	--C.A.S.-- REGISTRY NO.	PEL OSHA	TLV ACGIH	OTHER	UNIT
WATER NON-HAZARDOUS INGREDIENT	36.58	7732-18-5				N/A
ETHYLENE GLYCOL BUTYL ETHER	3.53	111-76-2	50.0	25.0		PPM
ZINC OXIDE	1.19	1314-13-2				N/A

SECTION III: PHYSICAL DATA

BOILING RANGE: 212.0 - 212.0 deg F
MELTING POINTS:
VAPOR PRESSURE: mm @ 20 deg C
SPECIFIC GRAVITY: 1.34
EVAPORATION RATE: N/A
(relative to n-butyl acetate)
% VOLATILE BY VOLUME: 57.06

FREEZING RANGE: 25.00 - 32.00 deg F
VAPOR DENSITY: LIGHTER
H₂O SOLUBLE: COMPLETE >99.9%
H₂O REACTIVE:
DENSITY: 11.147 lbs/gal
VOC: 1.26

APPEARANCE & ODOR: OPAQUE LIQUID-SLIGHT ODOR

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT: deg F
(Method Used) DOES NOT APPLY

EXPLOSIVE LIMITS: LEL UEL

FLAMMABILITY CLASSIFICATION
OSHA: NOT REGULATED
DOT: NOT REGULATED
AUTO-IGNITION TEMPERATURE

EXTINGUISHING MEDIA:
NONE NEEDED, THIS PRODUCT WILL NOT BURN.

SPECIAL FIRE FIGHTING PROCEDURES:
COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
CLOSED CONTAINERS MAY RUPTURE WHEN EXPOSED TO EXTREME HEAT.
EXPOSURE TO HEAT CAN PRODUCE IRRITATING VAPORS.
THIS IS A WATER BASED PRODUCT AND DIFFICULT TO IGNITE UNLESS DIRECTLY INVOLVED IN FLAME.
ISOLATE FROM HEAT AND OPEN FLAME.

SECTION V: TOXICOLOGICAL INFORMATION

INGREDIENT MATERIAL DESCRIPTION	CARCINOGENICITY LISTING			LD50 (mg/kg)		LD50(ppm)
	OSHA	NTP	IARC	(rat) ORAL	(rbt) DERMAL	(rat) INHAL
WATER NON-HAZARDOUS INGREDIENT	N	N	N			
ETHYLENE GLYCOL BUTYL ETHER	N	N	N	%1746.	435.00	800.000
ZINC OXIDE	N	N	N	24.00		

SECTION VI: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:
 VAPORS MAY IRRITATE EYES, SKIN AND RESPIRATORY TRACT.
 EMERGENCY AND FIRST AID PROCEDURES:
 INHALATION: MOVE TO FRESH AIR.
 EYE CONTACT: FLUSH EYES WITH WATER (LIFT LIDS) FOR 15 MINUTES.
 SKIN CONTACT: WASH AFFECTED AREAS WITH SOAP AND WATER.
 INGESTION: *DO NOT INDUCE VOMITING*, AND CALL PHYSICIAN.
 AVOID CONTACT WITH SKIN OR EYES.

SECTION VII: REACTIVITY DATA

STABILITY: Y
 POLYMERIZATION: N
 STABILITY CONDITIONS TO AVOID:
 NOT APPLICABLE
 INCOMPATIBILITY (MAT'LS TO AVOID):
 PEROXIDES AND/OR STRONG OXIDIZING AGENTS.
 STRONG BASES.
 AVOID MATERIALS THAT REACT WITH WATER.
 HAZARDOUS DECOMPOSITION PRODUCTS:
 FUMES AND SMOKE.
 POLYMERIZATION CONDITIONS TO AVOID:
 IF THERE ARE NONE THIS SECTION WILL BE EMPTY.

SECTION VIII: SPILL OR LEAK PROCEDURES

MATERIAL SPILLAGE:
 ABSORB WITH SAND AND DISPOSE OF IN APPROVED MANNER.
 DIKE AREA WITH SAND TO CONTAIN SPILLED LIQUID.
 RECOVER FREE PRODUCT.
 USE WATER SPRAY TO DILUTE SPILL.
 PREVENT MATERIAL FROM ENTERING WATERWAYS.
 USE WATER SPARINGLY TO REDUCE DISPOSAL REQUIREMENTS.
 WASTE DISPOSAL METHOD:
 DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS.
 KEEP PRODUCT OUT OF SEWERS AND WATERWAYS.
 ASSURE CONFORMITY WITH APPLICABLE GOVERNMENTAL REGULATIONS.
 EMPTY CONTAINERS CONTAIN RESIDUE, FOLLOW SAFETY INSTRUCTIONS AFTER CONTAINERS ARE EMPTY.

SECTION IX: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

MAINTAIN GOOD VENTILATION.

VENTILATION:

PROVIDE ADEQUATE CROSS AIR CIRCULATION.

TO AVOID BREATHING VAPORS OR SPRAY MIST, OPEN WINDOWS AND DOORS.

ENSURE FRESH AIR ENTRY DURING APPLICATION AND DRYING.

PROTECTIVE GLOVES:

WEAR IMPERVIOUS GLOVES (NEOPRENE) TO MINIMIZE SKIN CONTACT.

EYE PROTECTION:

SAFETY GOGGLES.

OTHER PROTECTIVE EQUIPMENT:

EYEWASH STATION (FOUNTAIN).

EMERGENCY (SAFETY) SHOWER.

A SOURCE OF CLEAN WATER TO FLUSH EYES AND SKIN.

HYGENIC PRACTICES:

WASH HANDS BEFORE EATING OR USING THE WASHROOM.

SECTION X: SPECIAL PRECAUTIONS

REGULATORY DATA: UN/NA NUMBER: (NOT REGULATED)

D.O.T.

EPA RCRA

HAZARD CLASS: (NON HAZARDOUS)

CLASS: ()

SHIPPING NAME: (PAINT RELATED MAT L)

NO: ()

CERCLA REPORTABLE QNTY.: ()

ON INV.: ()

HANDLING AND STORAGE PRECAUTIONS:

PROTECT FROM FREEZING.

OTHER PRECAUTIONS:

CHECK ALL CONTAINERS FOR LEAKS.

AVOID REPEATED OR PROLONGED BREATHING OR CONTACT WITH SKIN.

KEEP CONTAINERS CLOSED WHEN NOT IN USE.

MINIMIZE BREATHING VAPOR OR MIST.

DO NOT TAKE INTERNALLY.

WASH HANDS THOROUGHLY AFTER HANDLING.

KEEP OUT OF REACH OF CHILDREN.

SECTION XI: SARA TITLE III

SARA - SECTION 313 SUPPLIER NOTIFICATION

CHEMICAL	C.A.S NUMBER	WEIGHT%	FIRE	RELEASE	REACT	ACUTE	CHRON
ETHYLENE GLYCOL BUTYL	111-76-2	3.53	X			X	X
ZINC OXIDE	1314-13-2	1.19				X	X

THIS PRODUCT CONTAINS THE ABOVE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.

IF THERE ARE NONE THIS SECTION WILL BE EMPTY.

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS's THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

DISCLAIMER

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HAZARDOUS WARNING OR STATEMENT

NO SPECIAL HAZARDS EXIST WITH THIS PRODUCT. AS WITH ANY CHEMICAL SUBSTANCE CAUTION AND CARE WILL PREVENT UNNECESSARY ACCIDENTS AND SAFETY PROBLEMS. READ INSTRUCTIONS ON LABEL BEFORE USE.