

MATERIAL SAFETY DATA SHEET

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Vendor Update: 11/8/2009
Date Prepared: 1/14/2010
MSDS Number: 60D960 ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: SIKA-AKTIVATOR URETHANE PRIMER
HMIS Ratings:

Health: Moderate(2)
 Flammability: Serious(3)
 Instability/Reactivity: Minimal(0)
 Personal Protective Equipment: C

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
ETHANOL	64-17-5	10 - 15	1000 PPM	1000 PPM			
Notes							
HEPTANE	142-82-5		400 PPM 500 PPM	500 PPM			
Notes							

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes: EYE IRRITANT

Skin: MAY CAUSE SKIN IRRITATION. PROLONGED OR REPEATED SKIN CONTACT WITH LIQUID MAY CAUSE DEFATTING RESULTING IN DRYING, REDNESS AND/OR POSSIBLE BLISTERING.

Ingestion: INGESTION MAY CAUSE HEADACHE, DROWSINESS, AND UNCONSCIOUSNESS, AS WELL AS STOMACH DISCOMFORT.

Inhalation: MAY CAUSE RESPIRATORY TRACT IRRITATION. OVER EXPOSURE TO VAPORS MAY CAUSE HEADACHE, NARCOSIS, OR OTHER CENTRAL NERVOUS SYSTEM EFFECTS.

Signs and Symptoms of

Exposure:

Other: CONTAINS INGREDIENTS WHICH MAY BE CONSIDERED POTENTIAL CARCINOGENS BY OSHA.

IV. FIRST AID MEASURES

Eyes: IN CASE OF CONTACT, HOLD EYELIDS APART AND IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY IF IRRITATION DEVELOPS AND PERSISTS.

Skin: IN CASE OF CONTACT, IMMEDIATELY FLUSH SKIN WITH SOAP AND PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY IF IRRITATION (REDNESS, RASH, BLISTERING) DEVELOPS AND PERSISTS.

Ingestion:	IF SWALLOWED SEEK IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL.
Inhalation:	REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED INSTITUTE ARTIFICIAL RESPIRATION. CONSULT A PHYSICIAN.

V. FIRE FIGHTING MEASURES

Flash Point:	24.8°F – 4°C
Extinguishing Agents:	IN CASE OF FIRE, USE WATER SPRAY (FOG) FOAM, DRY CHEMICAL, OR CO ₂ .
Unusual Fire or Explosion Hazards:	PROTECT AGAINST ELECTRO STATIC CHARGE. EXPLOSION PROTECTION. POSSIBLE FORMATION OF EXPLOSIVE MIXTURES AIR/VAPOR. VAPORS MAY FLOW ALONG SURFACES TO DISTANT IGNITION SOURCES AND FLASH BACK.
Fire Fighting Procedures:	IN THE EVENT OF A FIRE, FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup:	ELIMINATE ALL IGNITION SOURCES. USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE). ABSORB AND/OR CONTAIN SPILL WITH INERT MATERIALS (E.G. SAND, VERMICULITE) AND THEN PLACE IN APPROPRIATE CONTAINER. FOR LARGE SPILLS, USE WATER SPRAY TO DISPERSE VAPORS. PREVENT RUNOFF FROM ENTERING WATERWAYS OR SEWERS.
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VII. HANDLING AND STORAGE

Other:	HANDLING AND STORAGE PRECAUTIONS KEEP OUT OF REACH OF CHILDREN. STORE CONTAINERS TIGHTLY SEALED AND MOISTURE-PROOF IN A WELL VENTILATED AREA. OBSERVE SAFETY MEASURES IN USE FOR HANDLING CHEMICALS. TAKE PRECAUTIONARY MEASURES AGAINST ELECTRO STATIC CHARGE. EXPLOSION PROTECTION: POSSIBLE FORMATION OF EXPLOSIVE MIXTURES AIR/VAPOR. KEEP AWAY FROM FIRE, SPARKS AND OTHER IGNITION SOURCES. STORAGE KEEP AWAY FROM HEAT, SPARKS, FLAME, AND OTHER SOURCES OF IGNITION (I.E. PILOT LIGHTS, ELECTRIC MOTORS AND STATIC ELECTRICITY). WORK/HYGIENIC PRACTICES WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.
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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:	SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES.
Skin:	AVOID SKIN CONTACT. WEAR LONG SLEEVE SHIRT, LONG PANTS, CHEMICAL RESISTANT GLOVES.
Respiratory:	A RESPIRATOR PROTECTION PROGRAM THAT MEETS 29 CFR 1910.134 REQUIREMENT MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE. IN AREAS WHERE THE PERMISSIBLE EXPOSURE LIMITS ARE EXCEEDED, USE A PROPERLY FITTED NIOSH-APPROVED RESPIRATOR. USE WITH ADEQUATE GENERAL AND LOCAL EXHAUST VENTILATION.

Engineering: REFER TO THE CURRENT EDITION OF "INDUSTRIAL VENTILATION: A MANUAL OF RECOMMENDED PRACTICE" PUBLISHED BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS FOR INFORMATION ON DESIGN, INSTALLATION, USE, AND MAINTENANCE OF EXHAUST SYSTEMS.

Other: WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: CLEAR TO LIGHT AMBER LIQUID
Boiling Point: NOT AVAILABLE
Solubility in Water: NOT AVAILABLE
Specific Gravity: 0.71 G/CM³
Vapor Pressure: NOT AVAILABLE
Vapor Density: NOT AVAILABLE
Physical State: LIQUID
Volatile Content: PERCENT VOLATILES: NOT AVAILABLE
Other: MELTING POINT: NOT AVAILABLE
 CHEMICAL TYPE: MIXTURE
 PERCENT VOCS: 95%
 VOC CONTENT: 675 GRAMS/LITER (USEPA METHOD 24)
 PACKING DENSITY: NOT AVAILABLE

X. STABILITY AND REACTIVITY

Stability: STABLE
Hazardous Polymerization: WILL NOT OCCUR
Hazardous Decomposition Products: COMBUSTION PRODUCTS INCLUDE FUMES, SMOKE, CO, CO₂, NITROGEN OXIDES
Incompatible Products: OXIDANTS, AMINES, WATER
Conditions To Avoid: STABILITY: FORMATION OF EXPLOSIVE GAS/AIR MIXTURES
 POLYMERIZATION: NONE KNOWN

XI. TOXICOLOGICAL INFORMATION

Special Hazard Information: CONDITIONS AGGRAVATED BY EXPOSURE: EYE DISEASE, SKIN DISORDERS, CHRONIC RESPIRATORY CONDITIONS.
 CONTAINS INGREDIENTS WHICH MAY BE CONSIDERED POTENTIAL CARCINOGENS BY OSHA.
Other: MAY CAUSE IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS, AND IS TOXIC.

XII. ECOLOGICAL INFORMATION

Environmental Fate and Distribution: NO DATA AVAILABLE.

XIII. DISPOSAL CONSIDERATIONS

Disposal Method: DISPOSE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL GOVERNMENT REGULATIONS. WASTE GENERATORS MUST DETERMINE WHETHER A DISCARDED MATERIAL IS CLASSIFIED AS A HAZARDOUS WASTE. USEPA GUIDELINES FOR THE CLASSIFICATION DETERMINATION

ARE LISTED IN 40 CFR PARTS 261.3. ADDITIONALLY, WASTE GENERATORS MUST CONSULT STATE AND LOCAL HAZARDOUS WASTE REGULATIONS TO ENSURE COMPLETE AND ACCURATE CLASSIFICATION.

XIV. TRANSPORT INFORMATION

D.O.T. Shipping Name: RESIN SOLUTION
D.O.T. Hazard Class: 3, PG II
Other: DOT ID#: UN1866
 DOT SHIPPING LABEL: FLAMMABLE
 NOTE: AS PACKAGED, PADS ARE REGULATED PER 49 CFR 173.4 (SMALL QUANTITY EXCEPTION)

XV. REGULATORY INFORMATION

TSCA Status: ALL INGREDIENTS OF THIS PRODUCT ARE LISTED OR ARE EXCLUDED FROM LISTING UNDER THE U.S. TOXIC SUBSTANCES CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.

EPA Sara Title III Chemical Listings: SARA HAZARD CLASSES:
 ACUTE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD
 SARA SECTION 313 NOTIFICATION:
 THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENTS REGULATED UNDER SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 OR 40 CFR 372.

Massachusetts: INGREDIENT(S):
 ETHANOL: HAZARDOUS SUBSTANCE
 HEPTANE: HAZARDOUS SUBSTANCE

New Jersey: INGREDIENT(S):
 ETHANOL: WORKPLACE HAZARD, SPECIAL HAZARD
 HEPTANE: WORKPLACE HAZARD, SPECIAL HAZARD

Pennsylvania: INGREDIENT(S):
 ETHANOL: WORKPLACE HAZARD
 HEPTANE: WORKPLACE HAZARD

Other: NEW YORK CITY
 INGREDIENT(S):
 ETHANOL: HAZARDOUS SUBSTANCE
 HEPTANE: HAZARDOUS SUBSTANCE

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.