
M A T E R I A L S A F E T Y D A T A S H E E T

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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME : S-10 SOLVENT
IDENTIFICATION NUMBER: S10000000000 PREPARE / REVISED: 08/07/06
PRODUCT USE/CLASS : SOLVENT

SUPPLIER:	MANUFACTURER:
Dudick, Inc.	Dudick, Inc.
1818 Miller Parkway	1818 Miller Parkway
Streetsboro, Ohio 44241	Streetsboro, Ohio 44241

CHEM-TEL: 800-255-3924	CHEM-TEL: 800-255-3924
24 HOURS A DAY	24 HOURS A DAY

PREPARER: DUDICK, INC., PHONE: 800-322-1970

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SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

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ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	METHYL ISOBUTYL KETONE	108-10-1	55.0 %
02	TOLUENE	108-88-3	55.0 %

ITEM	EXPOSURE LIMITS					
	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING	COMPANY TLV-TWA	SKIN
01	50PPM	75PPM	50PPM	75PPM STEL	NE	YES
02	50PPM	150PPM	100PPM	150PPM	NE	YES

(See Section 16 for abbreviation legend)

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SECTION 3 - HAZARDS IDENTIFICATION

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*** EMERGENCY OVERVIEW ***: WARNING!...FLAMMABLE. EYE AND SKIN IRRITANT.
HARMFUL IF SWALLOWED. RESPIRATORY TRACT IRRITANT.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: MODERATE EYE IRRITANT.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: REPEATED EXPOSURE MAY CAUSE DRYING
AND FLAKING OF THE SKIN.

EFFECTS OF OVEREXPOSURE - INHALATION: MAY CAUSE SLURRED SPEECH, DIZZINESS,
GIDDINESS, AND POSSIBLE LOSS OF CONSCIOUSNESS.

EFFECTS OF OVEREXPOSURE - INGESTION: INGESTION MAY CAUSE

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SECTION 3 - HAZARDS IDENTIFICATION
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NAUSEA, CRAMPS, VOMITING, AND DIARRHEA. ASPIRATION HAZARD. PRODUCT MAY ENTER THE LUNGS DURING SWALLOWING AND CAUSE LUNG DAMAGE.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: PREEXISTING SKIN OR LUNG INJURIES MAY INCREASE THE CHANCE OF DEVELOPING ALLERGY SYMPTOMS FROM EXPOSURE TO THIS PRODUCT. CHRONIC LONG TERM OVEREXPOSURE OR INTENTIONAL ABUSE, MISUSE, OR OTHER MASSIVE EXPOSURE TO SOLVENT CONTAINING PRODUCTS MAY CAUSE MULTIPLE ORGAN DAMAGE AND/OR DEATH. MALE RATS EXPOSED TO METHYL ISOBUTYL KETONE VAPORS (1000PPM) FOR 90 DAYS SHOWED EVIDENCE OF KIDNEY DAMAGE. THE SIGNIFICANCE OF THIS EFFECT TO MAN IS UNKNOWN.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT SKIN ABSORPTION INHALATION
INGESTION EYE CONTACT

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SECTION 4 - FIRST AID MEASURES
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FIRST AID - EYE CONTACT: HOLD OPEN EYE LIDS AND FLUSH WITH COPIOUS AMOUNTS OF FLOWING WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.

FIRST AID - SKIN CONTACT: WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING AND WASH THOROUGHLY BEFORE REUSE.

FIRST AID - INHALATION: REMOVE VICTIM TO FRESH AIR. IF VICTIM IS NOT BREATHING, ARTIFICIAL RESPIRATION SHOULD BE ADMINISTERED BY QUALIFIED PERSONNEL.

FIRST AID - INGESTION: IF SWALLOWED, CALL A PHYSICIAN IMMEDIATELY. REMOVE CONTENTS OF STOMACH ONLY AS DIRECTED BY MEDICAL PERSONNEL.

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SECTION 5 - FIRE FIGHTING MEASURES
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FLASH POINT: 48 F LOWER EXPLOSIVE LIMIT: 1.3 %
(SETAFLASH CLOSED CUP) UPPER EXPLOSIVE LIMIT: 7.6 %

AUTOIGNITION TEMPERATURE: >1000 F

EXTINGUISHING MEDIA: ALCOHOL FOAM CO2 DRY CHEMICAL FOAM WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A LONG DISTANCE AND FLASH BACK. HOT ORGANIC VAPORS OR MISTS ARE SUSCEPTIBLE TO SUDDEN, SPONTANEOUS COMBUSTION WHEN MIXED WITH AIR. IGNITION MAY OCCUR AT TEMPERATURES BELOW THE AUTOIGNITION TEMPERATURE IF HIGH VAPOR CONCENTRATIONS ARE PRESENT OR WITH AN INCREASE IN VAPOR/AIR CONTACT TIME.

SPECIAL FIREFIGHTING PROCEDURES: EVACUATE AREA. WATER MAY BE INEFFECTIVE BUT MAY BE USED TO COOL FIRE EXPOSED CONTAINERS. FIGHT FIRE FROM A SAFE DISTANCE. WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES|
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ABSORB EXCESS WITH SAND, EARTH, OR VERMICULITE. SCRAPE UP AND PLACE IN SUITABLE CONTAINER FOR DISPOSAL. WEAR ALL APPROPRIATE SAFETY EQUIPMENT WHILE HANDLING SPILLS. USE NON-SPARKING TOOLS. IF A SPILL OR LEAK OCCURS IN EXCESS OF THE EPA REPORTABLE QUANTITY (2000 LBS.), NOTIFY THE NATIONAL RESPONSE CENTER (1-800-424-8802).

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SECTION 7 - HANDLING AND STORAGE|
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HANDLING: AVOID CONTACT WITH EYES AND SKIN. AVOID BREATHING VAPORS. FOR INDUSTRIAL USE ONLY. WEAR APPROPRIATE SAFETY EQUIPMENT WHEN HANDLING. MATERIAL CAN ACCUMULATE STATIC CHARGES. GROUNDING CONTAINERS WHEN TRANSFERRING OR POURING IS RECOMMENDED.

STORAGE: DO NOT STORE NEAR INCOMPATIBLES. DO NOT STORE NEAR EXCESSIVE HEAT OR NEAR SOURCES OF IGNITION. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

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SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION|
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ENGINEERING CONTROLS: GENERAL MECHANICAL VENTILATION MAY BE SUFFICIENT TO MINIMIZE VAPOR CONCENTRATIONS. LOCAL EXHAUST MAY BE REQUIRED.

RESPIRATORY PROTECTION: WEAR A PROPERLY FITTED NIOSH APPROVED RESPIRATOR WHEN THE TLV IS EXCEEDED.

SKIN PROTECTION: CONSULT GLOVE MANUFACTURER FOR RECOMMENDATIONS.

EYE PROTECTION: USE SPLASH-PROOF GOGGLES OR FACE SHIELD WHEN EYE CONTACT MAY OCCUR.

OTHER PROTECTIVE EQUIPMENT: CLEAN, FULL BODY COVERING TO MINIMIZE SKIN CONTACT WITH MATERIAL. AN EYEWASH STATION AND SAFETY SHOWER IS RECOMMENDED NEAR WORK AREA.

HYGIENIC PRACTICES: SMOKING OR EATING IN THE WORK AREA SHOULD NOT BE PERMITTED. WASH THOROUGHLY AFTER HANDLING MATERIAL.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES|
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BOILING RANGE	: 230 - 241 F	VAPOR DENSITY	: Is heavier than air
ODOR	: SOLVENT	ODOR THRESHOLD	: NE
APPEARANCE	: CLEAR LIQUID	EVAPORATION RATE	: Is slower than Ether
SOLUBILITY IN H2O	: NEGLIGIBLE		
FREEZE POINT	: NE	SPECIFIC GRAVITY	: 0.936
VAPOR PRESSURE	: NE	pH @ 0.0 %	: NE
PHYSICAL STATE	: LIQUID	VISCOSITY	: NE

COEFFICIENT OF WATER/OIL DISTRIBUTION: NE

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| SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES |
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(See Section 16 for abbreviation legend)

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| SECTION 10 - STABILITY AND REACTIVITY |
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CONDITIONS TO AVOID: HEAT, FLAME, CONTAMINANTS.

INCOMPATIBILITY: STRONG OXIDANTS. AMINES. STRONG ALKALIS.
ALKANOLAMINES. ALDEHYDES. AMMONIA.

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

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| SECTION 11 - TOXICOLOGICAL PROPERTIES |
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No product or component toxicological information is available.

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| SECTION 12 - ECOLOGICAL INFORMATION |
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ECOLOGICAL INFORMATION: DO NOT CONTAMINATE PONDS, STREAMS, OR UNDERGROUND
WATER SUPPLY. THIS PRODUCT HAS A HIGH OXYGEN DEMAND AND MAY CAUSE OXYGEN
DEPLETION IN AQUATIC SYSTEMS. MIBK IS READILY BIODEGRADABLE.

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| SECTION 13 - DISPOSAL CONSIDERATIONS |
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DISPOSAL METHOD: FOLLOW ALL RELEVANT LOCAL, STATE, AND FEDERAL
REGULATIONS. DO NOT WELD, GRIND, OR USE CUTTING TORCHES ON EMPTY DRUMS. IF
DISCARDED, THIS PRODUCT HAS HAZARDOUS WASTE CODES D001, F003, F005.

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| SECTION 14 - TRANSPORTATION INFORMATION |
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DOT PROPER SHIPPING NAME: PAINT RELATED MATERIAL

DOT TECHNICAL NAME: NA

DOT HAZARD CLASS: 3

HAZARD SUBCLASS: NA

DOT UN/NA NUMBER: UN 1263

PACKING GROUP: III

RESP. GUIDE PAGE: 127

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SECTION 15 - REGULATORY INFORMATION
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THE FOLLOWING COMPONENTS ARE NOT SUBJECT TO REPORTING IN SECTION 2:

----- CHEMICAL NAME ----- CAS NUMBER WT/WT % IS LESS THAN
No non-hazardous components exist

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- CHEMICAL NAME -----	CAS NUMBER	WT/WT % IS LESS THAN
METHYL ISOBUTYL KETONE	108-10-1	55.0 %
TOLUENE	108-88-3	55.0 %

TOXIC SUBSTANCES CONTROL ACT:

The chemical substances in this product are not on the TSCA Section 8 Inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

----- CHEMICAL NAME ----- CAS NUMBER
No information is available.

U.S. STATE REGULATIONS: AS FOLLOWS -

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

----- CHEMICAL NAME ----- CAS NUMBER
No non-hazardous materials are among the top five ingredients.

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME ----- CAS NUMBER
No non-hazardous ingredients are present at greater than 3%.

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|               SECTION 15 - REGULATORY INFORMATION               |
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CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

----- CHEMICAL NAME -----	CAS NUMBER
TOLUENE	108-88-3

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: B

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|               SECTION 16 - OTHER INFORMATION               |
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HMIS RATINGS - HEALTH: 2* FLAMMABILITY: 3 REACTIVITY: 0

VOLATILE ORGANIC COMPOUNDS (VOCS): 6.97 lbs/gal, 835 grams/ltr

LEGEND: N.A. - Not Applicable, N.E. - Not Established,
N.D. - Not Determined

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The information contained on this MSDS has been compiled from information obtained from raw material suppliers and is believed to be accurate. It is the responsibility of the user to comply with all Federal, State and Local Regulations.

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<END OF MSDS>