

DYNAMOLD, INC. -- 3101 SOLVENT BLEND -- 6850-01-468-8834

===== Product Identification =====

Product ID:3101 SOLVENT BLEND

MSDS Date:01/01/2000

FSC:6850

NIIN:01-468-8834

Status Code:A

MSDS Number: CKCVD

=== Responsible Party ===

Company Name:DYNAMOLD, INC.

Address:2905 SHAMROCK AVE

Box:9617

City:FORT WORTH

State:TX

ZIP:76107

Info Phone Num:817-335-0862

Emergency Phone Num:800-255-3924 CHEMTEL

Resp

. Party Other MSDS Num.:3101

CAGE:30256

=== Contractor Identification ===

Company Name:DYNAMOLD SOLVENTS, INC.

Address:2905 SHAMROCK AVE

Box:9617

City:FORT WORTH

State:TX

ZIP:76107

Country:US

Phone:817-335-0862

Contract Num:SP0450-00-M-D388

CAGE:30256

===== Composition/Information on Ingredients =====

Ingred Name:METHYL ETHYL KETONE

CAS:78-93-3

RTECS #:EL6475000

= Wt:50.

OSHA PEL:590 MG/M3;200 PPM

ACGIH TLV:590 MG/M3;200 PPM

ACGIH STEL:885 MG/M3;300 PPM

EPA Rpt Qty:5000 LBS

D

OT Rpt Qty:5000 LBS

Ingred Name:ACETONE

CAS:67-64-1

RTECS #:AL3150000

= Wt:50.

OSHA PEL:2400 MG/M3;1000 PPM

ACGIH TLV:1780 MG/M3;750 PPM

ACGIH STEL:2380 MG/M3;1000 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE & SKIN: PRIMARY IRRITATION TO SKIN: DEFATTING, DERMITITIS. ABSORPTI

ON THRU SKIN INCREASES

EXPOSURE. PRIMARY IRRITATION TO EYES: REDNESS, TEARING, BLURRED VISION. LIQUID CAN CAUSE EYE IRRITATION. WASH THOROUGHLY AFTER HANDLING. INHALATION: ANESTHETIC. IRRITATES RESPIRATORY TRACT. ACUTE OVEREXPOSURE CAN CAUSE SERIOUS NERVOUS SYSTEM DEPRESSION. BREATHING VAPOR CAN CAUSE IRRITATION. ACUTE OVEREXPOSURE CAN CAUSE DAMAGE TO KIDNEYS, BLOOD, NERVES, LIVER AND LUNGS. SWALLOWING: SWALLOWING CAN CAUSE ABDOMINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

Explanation of Carcinogenicity:THIS PRODUCT HAS NOR CARCINOGENS LISTED BY IARC, NTP, NIOSH OR ACGIH AS OF THIS DATE GREATER OR EQUAL TO 0.1%. ABSORPTION THRU SKIN MAY BE HARMFUL STUDIES WITH LABORATORY ANIMALS INDICATE THIS PRODUCT CAN CAUSE DAMAGE TO FETUS.

Effects of Overexposure:EYE & SKIN CONTACT: PRIMARY IRRITATION TO SKIN: DEFATTING, DERMATITIS. ABSORPTION THRU SKIN INCREASES EXPOSURE. PRIMARY IRRITATION TO EYES: REDNESS, TEARING BLURRED VISION. LIQUID

CAN CAUSE EYE IRRITATION. WASH THOROUGHLY AFTER HANDLING. INHALATION: ANESTHETIC. IRRITATES RESPIRATORY TRACT. ACUTE OVEREXPOSURE CAN CAUSE SERIOUS NERVOUS SYSTEM DEPRESSION. BREATHING VAPOR CAN CAUSE IRRITATION. ACUTE OVEREXPOSURE CAN CAUSE DAMAGE TO KIDNEYS, BLOOD, NERVES, LIVER AND LUNGS. SWALLOWING: HARMFUL OR FATAL IF SWALLOWED. SWALLOWING CAN CAUSE ABDOMINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

Medical Cond Aggravated by Exposure:PERSONS WITH SEVERE SKIN, LIV

ER OR

KIDNEY PROBLEMS SHOULD AVOID USE.

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===== First Aid Measures =====

First Aid: EYE CONTACT: FOR EYES, FLUSH WITH PLENTY OF WATER FOR 15 MINUTES AND GET MEDICAL ATTENTION. SKIN CONTACT: IN CASE OF CONTACT WITH SKIN, IMMEDIATELY REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY WITH SOAP AND WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE. (DISCARD CONTAMINATED SHOES.) INHALATION: AFTER HIGH VAPOR EXPOSURE, REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. CALL A PHYSICIAN IMMEDIATELY. SWALLOWING: IF SWALLOWED, CALL A PHYSICIAN. DO NOT INDUCE VOMITING. HAVE PATIENT LIE DOWN AND KEEP WARM. VOMITING MAY LEAD TO PNEUMONITIS WHICH MAY BE FATAL.

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===== Fire Fighting Measures =====

Flash Point Method: TCC

Flash Point: -17.C, 1.4F

Autoignition Temp: 480.C, 896.F

Lower Limits: 1.8

Extinguishing Media: NFPA CLASS B EXTINGUISHER (CARBON DIOXIDE OR FOAM) FOR CLASS 1 B LIQUID FIRE.

Fire Fighting Procedures: WATER SPRAY MAY BE INEFFECTIVE ON FIRE BUT CAN PROTECT FIRE FIGHTERS & COOL, CLOSED CONTAINERS. USE FOG NOZZLES IF WATER IS USED. DO NOT ENTER CONFINED FIRE-SPACE WITHOUT FULL BUNKER GEAR. USE NIOSH APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: EXTREMELY FLAMMABLE! VAPORS CAN CAUSE FLASH FIRE. KEEP CONTAINER TIGHTLY CLOSED. ISOLATE FROM OXIDIZERS &

SOURCES OF IGNITION. CLOSED CONTAINERS MAY EXPLODE IF EXPOSED TO EXTREME HEAT. APPLYING TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. EMPTY CONTAINERS VERY HAZARDOUS! CONTINUE ALL LABEL PRECAUTIONS.

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===== Accidental Release Measures =====

Spill Release Procedures: STOP SPILL AT SOURCE. DIKE AREA AND CONTAIN. CLEAN UP REMAINS WITH ABSORBENT MATERIALS. MOP UP AND DISPOSE OF. PERSONS WITHOUT PROPER PROTECTION SHOULD BE KEPT FROM AREA UNTIL

CLEANED UP.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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===== Handling and Storage =====

Handling and Storage Precautions:ISOLATE FROM OXIDIZERS & SOURCES OF IGNITION. USE ONLY WITH ADEQUATE VENTILATION. AVOID BREATHING VAPORS/MISTS. AVOID CONTACT WITH SKIN & EYES. WEAR GOGGLES OR FACESHIELD. WEAR IMPERVIOUS GLOVES/APRON /FOOTWEAR. WASH CLOTHES BEFORE REUSE. AVOID FREEFALL OF LIQUID. GROUND/BOND CONTAINERS.

Other Precautions:

VAPORS MAY IGNITE EXPLOSIVELY AND SPREAD LONG DISTANCES. PREVENT VAPOR BUILDUP. PUT OUT ALL IGNITION SOURCES DURING USE & UNTIL ALL VAPORS ARE GONE. DO NOT STORE ABOVE 49C/120F. STORE LARGE AMOUNTS IN STRUCTURES MADE FOR OSHA CLASS 1 B LIQUIDS. KEEP CONTAINERS TIGHTLY CLOSED & UPRIGHT WHEN NOT IN USE.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:VENTILATE TO KEEP VAPORS OF THIS MATERIAL BELOW 65PPM. IF OVER TLV, IN ACCORDANCE WITH 29 CFR 1910. 134, USE NIOSH APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS. CONSULT SAFETY EQUIPMENT SUPPLIER USE EXPLOSION PROOF EQUIPMENT.

Ventilation:LOCAL EXHAUST: NECESSARY. MECHANICAL(GENERAL): ACCEPTABLE

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:WEAR OSHA STANDARD GOGGLES OR FACE SHIELD.

Other Protective Equipment:WEAR GLOVE, APRON AND FOOTWEAR IMPERVIOUS TO THIS MATERIAL.

Work Hygienic Practices:WASH CLOTHING BEFORE REUSE.

Supplemental Safety and Health

STORAGE/HANDLING: DO NOT FLAME CUT, SAW, DRILL, BRAZE OR WELD EMPTY CONTAINERS!

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===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:56/143C-133/290F

Vapor Pres:36.3

Spec Gravity:0.796

VOC Pounds/Gallon:797

Appearance and Odor:LIQUID, WATER WHITE; KETONE ODOR.

Percent Volatiles by Volume:100%

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
ISOLATE FROM STRONG OXIDIZERS

UCH AS PERMANGANATES, CHROMATE AND PEROXIDES.

Stability Condition to Avoid: ISOLATE FROM OXIDIZERS, HEAT, SPARKS, ELECTRIC EQUIPMENT AND OPEN FLAME.

Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON DIOXIDE FROM BURNING.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information: SUBCHRONIC HAZARDS: CHRONIC OVEREXPOSURE CAN CAUSE DAMAGE TO KIDNEYS, BLOOD, NERVES, LIVER AND LUNGS. PERSONS

WITH SEVERE SKIN, LIVER OR KIDNEY PROBLEMS SHOULD AVOID USE. CHRONIC HAZARDS: THIS PRODUCT HAS NO CARCINOGENS LISTED BY IARC, NTP, NIOSH OR ACGIH AS OF THIS DATE GREATER OR EQUAL TO 0.1%. ABSORPTION THRU SKIN MAY BE HARMFUL STUDIES WITH LABORATORY ANIMALS INDICATE THIS PRODUCT CAN CAUSE DAMAGE TO FETUS.

===== Ecological Information =====

Ecological: NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Disposal Considerations =====

Waste Disposal Methods: RECYCLE OR DISPOSE OF OBSERVING LOCAL, STATE AND FEDERAL HEALTH, SAFETY AND POLLUTION LAWS. IF QUESTIONS EXIST, CONTACT THE APPROPRIATE AGENCIES.

===== MSDS Transport Information =====

Transport Information: US DOT SHIPPING NAME: PAINT RELATED MATERIAL, 3, UN1263, PGII. DRUM LABEL: FLAMMABLE LIQUID.

===== Regulatory Information =====

SARA Title III Information: THIS PRODUCT CONTAINS METHYL ETHYL KETONE, A TOXIC CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW ACT OF 1986 & 40 CFR 372. THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

Federal Regulatory Information: NO DATA PROVIDED BY RESPONSIBLE PARTY.

State Regulatory Information: NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Other Information =====

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