

FEDERAL INTERNATIONAL CHEMICALS
MATERIAL SAFETY DATA SHEET

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38-0032080

31483
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***** SECTION 1: PRODUCT IDENTIFICATION *****

MANUFACTURERS ADDRESS : 2841 S. ASHLAND AVE., CHICAGO, IL 60608
MFG TELEPHONE NUMBER : (312) 890-0014
24 HR EMERGENCY PHONE NO : 1-800-228-5635
CHEMICAL NAME OR FAMILY : COATINGS PRODUCT
FORMULA : NOT APPLICABLE
TRADE NAME : 38 32080 WP-10 HS URE.ACR.W.F
REVISION DATE : 03-09-94

Coast Wide Supply
3800 - 1st Ave. So. Seattle, WA 98134
SLAM DUNK II
DATE PRINTED : 03-10-94

***** SECTION 2: HAZARDOUS INGREDIENTS *****

NAME	WT %	TLV TWA	TLV STEL	OSHA PEL	CEILING	RECOMND	NOT ESTAB
*COMMON(NA):BUTYL CARBITOL	5%						NOT ESTAB
CAS:112-34-5	CHEMICAL: ETHANOL, 2-(2-BUTOXYETHOXY)						NOT ESTAB
)-							NOT ESTAB
							35.00 PPM
COMMON(NA):TRIETHYLAMINE	< 1%						10.00 PPM
CAS:121-44-8	CHEMICAL: ETHANAMINE, N,N-DIETHYL-						15.00 PPM
							10.00 PPM
							NOT ESTAB
							NOT ESTAB
*COMMON(NA):METHYL ETHYL KETONE	< 1%						200.00 PPM
CAS:78-93-3	CHEMICAL: 2-BUTANONE						300.00 PPM
							200.00 PPM
							NOT ESTAB
							NOT ESTAB
COMMON(NA):N-METHYL-PYRROLIDONE	5%						200.00 PPM
CAS:872-50-4	CHEMICAL: 2-PYRROLIDINONE, 1-METHYL-						NOT ESTAB
							NOT ESTAB
							NOT ESTAB
							NOT ESTAB

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***** SECTION 2: OTHER NON-HAZARDOUS INGREDIENTS *****

COMMON(NA):WATER 55%
CAS:7732-18-5 CHEMICAL: WATER

COMMON(NA):POLYURETHANE/ACRYLIC COPOLYMER 20%
CAS: CHEMICAL: TRADE SECRET

COMMON(NA):ACRYLIC COPOYLMER 10%
CAS: CHEMICAL: TRADE SECRET

CHEMICALS NOTED WITH A (*) ARE REPORTABLE UNDER SECTION 313 OF SARA TITLE III

ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE U.S. TSCA CHEMICAL SUBSTANCE INVENTORY.

***** SECTION 2: OTHER NON-HAZARDOUS INGREDIENTS *****CONTINUED*****

***** SECTION 3: PHYSICAL DATA *****

BOILING POINT: 212 DEG F.
VAPOR PRESSURE MM HG AT 77 DEG F: 24.0
VAPOR DENSITY (AIR = 1.0): 5.6
SPECIFIC GRAVITY: 1.03
PERCENT VOLATILE BY VOLUME: 70.62
EVAPORATION RATE (BUTYL ACETATE = 1): .4
SOLUBILITY IN WATER: YES

***** SECTION 4: FIRE AND EXPLOSION HAZARD *****

FLASH POINT TCC/PM DEG F : NA
LOWER EXPLOSIVE LIMIT : 1.00
UPPER EXPLOSIVE LIMIT : 16.00

EXTINGUISHING MEDIA: NOT APPLICABLE.
IF OTHER MATERIALS ARE ON FIRE IN THE AREA, THESE CONTAINERS MAY SWELL AND BURST. WATER SPRAY IS EFFECTIVE IN KEEPING CONTAINERS COOL.

SPECIAL FIRE FIGHTING PROCEDURES:
FIRE FIGHTERS MUST WEAR SELF CONTAINED BREATHING APPARATUS OR AIR MASKS.
CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL WITH WATER SPRAY.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS:
CLOSED CONTAINERS MAY EXPLODE DUE TO BUILD UP OF PRESSURE WHEN EXPOSED TO HEAT.

***** SECTION 5: HEALTH HAZARD DATA *****

THRESHOLD LIMIT VALUE: NOT REQUIRED FOR MIXTURE.

EFFECTS OF OVEREXPOSURE:
IMMEDIATE EFFECTS (ACUTE):
HARMFUL IF INHALED. MAY AFFECT THE BRAIN, NERVOUS SYSTEM OR RESPIRATORY SYSTEM, CAUSING DIZZINESS, HEADACHE, NAUSEA OR RESPIRATORY IRRITATION.
OVEREXPOSURE TO INGREDIENTS IN THIS PRODUCT MAY CAUSE IRRITATION OF GASTROINTESTINAL TRACT, EYE IRRITATION, SKIN IRRITATION, CORNEAL INJURY/EYE DAMAGE.
DELAYED EFFECTS (CHRONIC):
NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.
CONTAINS INGREDIENTS WHICH MAY CAUSE LIVER DAMAGE, KIDNEY DAMAGE, BLOOD DAMAGE, DERMATITIS, TESTICULAR EFFECTS.

PROPOSITION 65 STATEMENT
WARNING! THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - ANY RESPIRATORY OR SKIN CONDITION.

***** SECTION 5: HEALTH HAZARD DATA *****CONTINUED*****

EMERGENCY AND FIRST AID PROCEDURES:
EYE CONTACT: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION.
SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER.
CLOTHING: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE REUSE. DESTROY CONTAMINATED SHOES.
INHALATION: IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION IMMEDIATELY.
SWALLOWING: IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. IF AVAILABLE, GIVE SEVERAL GLASSES OF MILK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.

POSSIBLE ROUTES OF ENTRY: INHALATION, INGESTION, SKIN ABSORPTION.

***** SECTION 6: REACTIVITY DATA *****

THIS PRODUCT IS STABLE
CONDITIONS TO AVOID: NONE
INCOMPATIBILITY: STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS:
NITROGEN OXIDES CARBON DIOXIDE/MONOXIDE

HAZARDOUS POLYMERIZATION: NONE

***** SECTION 7: SPILL OR LEAK PROCEDURES *****

VENTILATE AREA. AVOID BREATHING OF VAPORS. USE SELF-CONTAINED BREATHING APPARATUS OR AIRMASK FOR LARGE SPILLS IN A CONFINED AREA. ELIMINATE IGNITION SOURCES. REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS. AVOID CONTACT WITH EYES.

WASTE DISPOSAL METHOD:
DISPOSE IN CHEMICAL DISPOSAL AREA OR IN A MANNER THAT COMPLIES WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

***** SECTION 8: SPECIAL PROTECTION INFORMATION *****

RESPIRATORY PROTECTION:
WEAR APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSHA APPROVED) DURING AND AFTER APPLICATION UNLESS AIR MONITORING VAPOR/MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW RESPIRATOR MANUFACTURERS DIRECTIONS FOR RESPIRATOR USE.

VENTILATION:
REQUIRED WHEN SPRAYING OR APPLYING IN CONFINED AREA.

PROTECTIVE CLOTHING:
AVOID CONTACT WITH EYES. WEAR CHEMICAL GOGGLES IF THERE IS THE POSSIBILITY OF CONTACT OR SPLASHING IN THE EYE. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. WEAR CHEMICAL RESISTANT GLOVES AND OTHER CLOTHING TO KEEP EXPOSURE TO A MINIMUM. COVER ARMS AND LEGS.
CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH CHEMICALS BECAUSE CONTACT LENSES MAY CONTRIBUTE TO THE SEVERITY OF AN EYE INJURY IN CASE OF EXPOSURE.

***** SECTION 8: SPECIAL PROTECTION INFORMATION *****CONTINUED*****

***** SECTION 9: SPECIAL PRECAUTIONS *****

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT STORE ABOVE 120 DEG F. BASED ON THE PRODUCT FLASH POINT AND VAPOR PRESSURE SUITABLE STORAGE SHOULD BE PROVIDED IN ACCORDANCE WITH OSHA REGULATION 1910. 106. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE, INCLUDING FLAMABLE OR EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR CONTAINER. ALL LABEL WARNINGS MUST BE OBSERVED UNTIL THE CONTAINER HAS BEEN CLEANED OR RECONDITIONED.

ABBREVIATIONS USED:

OSHA-OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION;
IARC-INTERNATIONAL AGENCY FOR RESEARCH ON CANCER; LEL-LOWER EXPLOSIVE LIMITS;
UEL-UPPER EXPLOSIVE LIMITS; MG CU M-MILLIGRAMS PER METERS CUBED; MM-MILLIMETERS
MPPCF-MILLIONS OF PARTICLES PER CUBIC FOOT; MSHA-MINE SAFETY AND HEALTH
ADMINISTRATION; NA-NOT APPLICABLE; NIOSH-NATIONAL INSTITUTE OF OCCUPATIONAL
SAFETY AND HEALTH; NOT EST-NOT ESTABLISHED; NTP-NATIONAL TOXICOLOGY PROGRAM;
PB-LEAD; PEL-PERMISSIBLE EXPOSURE LEVEL; PPM-PARTS PER MILLION;
TCC/PM-TAG CLOSED CUP/PENSKY-MARTEN; RECM-RECOMMENDED; TLV-THRESHOLD LIMIT VALUES.

***** DISCLAIMER SECTION *****

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24 HR EMERGENCY PHONE NO : 1-800-228-5635
CHEMICAL NAME OR FAMILY : COATINGS PRODUCT
FORMULA : NOT APPLICABLE
TRADE NAME : 38 30987 AZIRADINE CROSSLINK. SLAM DUNK II CATALYST
REVISION DATE : 07-09-93

Coast Wide Supply
3800 - 1st Ave. So. Seattle, WA 98134
DATE PRINTED : 03-10-94

***** SECTION 2: HAZARDOUS INGREDIENTS *****

NAME	APPROX WT %				
COMMON(NA):AZIRIDINE CROSSLINKER	100%	TLV TWA	NOT	ESTAB	
CAS:UNKNOWN		TLV STEL	NOT	ESTAB	
- SUPPLIER TRADE SECRET		OSHA PEL	NOT	ESTAB	
		CEILING	NOT	ESTAB	
		RECOMND	NOT	ESTAB	

THERE ARE NO SARA 313 CHEMICALS IN THIS PRODUCT

ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE U.S. TSCA CHEMICAL SUBSTANCE INVENTORY.

***** SECTION 3: PHYSICAL DATA *****

BOILING POINT: NA DEG F.
VAPOR PRESSURE MM HG AT NA DEG F: NA
VAPOR DENSITY (AIR = 1.0): NA
SPECIFIC GRAVITY: 1.07
PERCENT VOLATILE BY VOLUME: 0.00
EVAPORATION RATE (BUTYL ACETATE = 1): NA
SOLUBILITY IN WATER: YES

***** SECTION 4: FIRE AND EXPLOSION HAZARD *****

FLASH POINT TCC/PM DEG F : NA
LOWER EXPLOSIVE LIMIT : NA
UPPER EXPLOSIVE LIMIT : NA

EXTINGUISHING MEDIA: NOT APPLICABLE.
IF OTHER MATERIALS ARE ON FIRE IN THE AREA, THESE CONTAINERS MAY SWELL AND BURST. WATER SPRAY IS EFFECTIVE IN KEEPING CONTAINERS COOL.

SPECIAL FIRE FIGHTING PROCEDURES:
FIRE FIGHTERS MUST WEAR SELF CONTAINED BREATHING APPARATUS OR AIR MASKS.
CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL WITH WATER SPRAY.

***** SECTION 4: FIRE AND EXPLOSION HAZARD *****
UNUSUAL FIRE AND EXPLOSIVE HAZARDS: *****CONTINUED*****
CLOSED CONTAINERS MAY EXPLODE DUE TO BUILD UP OF PRESSURE WHEN EXPOSED TO HEAT.

***** SECTION 5: HEALTH HAZARD DATA *****
THRESHOLD LIMIT VALUE: NOT REQUIRED FOR MIXTURE.

EFFECTS OF OVEREXPOSURE:
IMMEDIATE EFFECTS (ACUTE):
REDNESS OR DRYNESS OF SKIN.
OVEREXPOSURE TO INGREDIENTS IN THIS PRODUCT MAY CAUSE EYE IRRITATION,
SKIN IRRITATION, DELAYED SKIN IRRITATION.
DELAYED EFFECTS (CHRONIC):
NONE KNOWN

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EMERGENCY AND FIRST AID PROCEDURES:
EYE CONTACT: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION.
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CLOTHING: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE REUSE. THOROUGHLY CLEAN CONTAMINATED SHOES.
INHALATION: IF AFFECTED BY INHALATION OF VAPOR OR SPRAY MIST, REMOVE TO FRESH AIR.
SWALLOWING: IF SWALLOWED, GET MEDICAL ATTENTION IMMEDIATELY.

POSSIBLE ROUTES OF ENTRY: INHALATION, INGESTION, SKIN ABSORPTION.

***** SECTION 6: REACTIVITY DATA *****

THIS PRODUCT IS STABLE
CONDITIONS TO AVOID: NONE
INCOMPATIBILITY: ACIDS OR ALKALIES
HAZARDOUS DECOMPOSITION PRODUCTS:
AMMONIA COMPOUNDS NITROGEN OXIDES CARBON DIOXIDE/MONOXIDE

HAZARDOUS POLYMERIZATION: NONE

***** SECTION 7: SPILL OR LEAK PROCEDURES *****

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..... END REPORT