

FIRESTONE
MATERIAL SAFETY
DATA SHEET

DEEMED HAZARDOUS ACCORDING TO
OSHA HAZARD COMMUNICATION
RULE 29 CFR 1910.1200

FIRESTONE CODE: NE
DATE ENTERED : 11/19/85
DATE REVISED : 03/15/91
CLASSIFICATION: CE20

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME: BONDING ADHESIVE BA-2004
CHEMICAL NAME/SYNONYMS: N.AV.

CHEMICAL FAMILY: POLYCHLOROPRENE ADHESIVE

CHEMICAL FORMULA: N.AV.

24-HOUR EMERGENCY PHONE NO: (216) 379-6409
CHEMTREC PHONE NO: (800) 424-9300

MANUFACTURER'S NAME: FIRESTONE BUILDING PRODUCTS CO.
MANUFACTURER'S ADDRESS: 525 CONGRESSIONAL BLVD.
CARMEL, IND. 46032

NFPA ACUTE HAZARD RATING: N.AV.
HEALTH: FLAMMABILITY: REACTIVITY:

SECTION 2 CHEMICAL COMPOSITION

SEE SECTION 12 FOR LD50 AND LC50 DATA

INGREDIENT (CHEMICAL NAME)	CAS NO.	%	PEL	TLV
*TOLUENE	108-88-3	32	100 PPM	100 PPM
*SOLVENT, TEXTILE SPIRITS	64741-84-0	32	N.AV.	N.AV.
*ACETONE	67-64-1	10.6	750 PPM	750 PPM
*XYLENE	1330-20-7	0.8	100 PPM	100 PPM
*BENZENE	71-43-2	<0.1	1 PPM	10 PPM

SECTION 3 EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT:

- HOLD EYELIDS OPEN AND FLUSH IMMEDIATELY WITH GENTLE STREAM OF WATER FOR AT LEAST 15 MINUTES, PREFERABLY AT EYEWASH FOUNTAIN.
- GET MEDICAL ATTENTION.

SKIN CONTACT:

- CLEAN WITH RUBBING ALCOHOL FIRST, FOLLOWED IMMEDIATELY BY WASHING AFFECTED AREA WITH SOAP AND WATER.

INHALATION:

- REMOVE TO FRESH UNCONTAMINATED AIR.
- ADMINISTER OXYGEN IF BREATHING IS LABORED. GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED.
- GET MEDICAL ATTENTION IMMEDIATELY IF OXYGEN OR ARTIFICIAL RESPIRATION ARE ADMINISTERED.

INGESTION:

- CONTAINS PETROLEUM DISTILLATES. IN CASE OF ACCIDENTAL INGESTION, DO NOT INDUCE VOMITING.
- GET MEDICAL ATTENTION AND ADVISE THE PHYSICIAN OF THE NATURE OF THE MATERIAL.

SPECIAL INSTRUCTIONS FOR PHYSICIAN:
N.AV.

SECTION 7 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: -7.0 DEG. F
METHOD USED:
-OTHER CLOSED TESTER
FLAMMABLE(EXPLOSIVE) LIMITS IN AIR: LEL: 1.0 UEL: 12.8
AUTOIGNITION TEMPERATURE: N.AV DEG.
SUITABLE EXTINGUISHING MEDIA:
-WATER SPRAY, CARBON DIOXIDE, OR DRY CHEMICAL

HAZARDOUS COMBUSTION PRODUCTS:
-CARBON DIOXIDE AND CARBON MONOXIDE
-OXIDES OF NITROGEN
-HYDROGEN CHLORIDE

RECOMMENDED FIREFIGHTING PROCEDURE:
-WEAR IMPERMEABLE PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.
TOXIC FUMES AND VAPORS MAY BE EVOLVED.

UNUSUAL FIRE & EXPLOSION HAZARD:
-HEAT BUILDS UP PRESSURE IN CLOSED CONTAINERS. COOL WITH WATER STREAM.

SECTION 8 REACTIVITY DATA

THERMAL STABILITY: STABLE
CONDITIONS TO AVOID:
-N.AV.

HAZARDOUS DECOMPOSITION PRODUCTS:
-NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID:
-N.AV.

INCOMPATIBILITY:
MATERIALS TO AVOID:
-ACIDS
-ALKALIES
-STRONG OXIDIZING AGENTS

CORROSIVE ACTION ON MATERIALS:
-N.AV.

SECTION 9 STORAGE AND HANDLING PRECAUTIONS

STORAGE:
-KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
-KEEP CONTAINERS CLOSED.

HANDLING:
-VAPORS OF THIS MATERIAL ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW OR
CONFINED AREAS.

PRECAUTIONARY LABELING:
DANGER! FLAMMABLE.
INHALATION OF VAPORS MAY CAUSE HEADACHES AND
DIZZINESS.

SECTION 10 ENVIRONMENTAL INFORMATION

SPILL OR LEAK PROCEDURES:

REMOVE IGNITION SOURCES. ABSORB ON INERT MATERIAL. USE NON-SPARKING TOOLS. PLACE IN SECURE CONTAINERS FOR DISPOSAL. SAME AS ABOVE. USE PERSONAL PROTECTIVE EQUIPMENT AS OUTLINED IN SECTION 5 FOR ALL SPILLS/LEAKS.
SPILL REPORTABLE QUANTITY: N.A.V. LBS. (N.A.V.)

WASTE DISPOSAL METHOD (INCLUDING CLEAN-UP MEDIA)
HAZARDOUS WASTE 40 CFR 261.21

EPA OR APPROPRIATE WASTE CLASSIFICATION:
RCRA OR APPROPRIATE CHARACTERISTIC WASTE. EPA HAZARDOUS WASTE NO. D00 1

PROCEDURE FOR HANDLING EMPTY CONTAINERS:
N.A.V.

ENVIRONMENTAL TOXICITY DATA:
N.A.V.

OTHER REGULATORY CONTROLS: N.A.V.

MATERIAL CLASSIFIED UNDER THE CLEAN WATER ACT (USA) OR APPROPRIATE WATER REGULATIONS AS A: N.A.V.

TOXIC POLLUTANT (SECTION 307)? YES NO
HAZARDOUS SUBSTANCE (SECTION 311)?

YES NO
OIL (SECTION 311)? YES NO
HAZARDOUS CLASS (SECTION 311):

X ACUTE X CHRONIC X FIRE X PRESSURE REACTIVE

MATERIAL CLASSIFIED UNDER THE CLEAN AIR ACT (USA) OR APPROPRIATE CLEAN AIR REGULATIONS AS A: N.A.V.

HAZARDOUS AIR POLLUTANT (SECTION 12)? YES NO

COMMENTS:

SARA 313 REPORTABLE CHEMICALS: TOLUENE, ACETONE AND XYLENE
MATERIAL CLASSIFICATION UNDER CLEAN WATER ACT: N.A.V.
MATERIAL CLASSIFICATION UNDER CLEAN AIR ACT: N.A.V.

SECTION 11 TRANSPORTATION/SHIPPING

INDICATE COUNTRY/REGULATORY AGENCY WHICH SPECIFIES REQUIREMENTS:
-USA-DOT-IMO

PROPER SHIPPING NAME:
ADHESIVE

HAZARD CLASS:
-FLAMMABLE LIQUID
IDENTIFICATION NO.: UN1133

LABELS REQUIRED:
-FLAMMABLE LIQUID

OTHER REQUIREMENTS:
PRINCIPLE INGRED: ADHESIVE, IMDG CLASS 3.1
PG. 3102, UN1133, FLASHPOINT -22 C

SECTION 12 ADDITIONAL DATA/COMMENTS

TOLUENE LD50 ORAL (RAT) = 5G/KG, LC50 INH (RAT) = 8000PPM/4HR
LD50 DERMAL (RABBIT) = 14G/KG. ACETONE LD50 ORAL (RAT) =
9.8G/KG, LC50 INH (RAT) = 16000PPM/4HR, LD50 DERMAL (RABBIT)
= 20G/KG. TEXTILE SPIRITS LD50 ORAL (RAT) > 25MG/KG, LC50
INH (RAT) = 73,680PPM/4HR. LC 50 INH (RAT) = 73680 PPM/4HR,
LD50 DERMAL (RABBIT) > 5ML/KG.

TOLUENE HAS BEEN CLASSIFIED AS A REPRODUCTIVE TOXIN AS PER CALIFORNIA
PROPOSITION 65 (CAL. HEALTH AND SAFETY CODE SECTION 25249.5, 1/1/91.)

SECTION 13 MISCELLANEOUS INFORMATION

INFORMATION SUPPLIED BY: ROBERT D. HOFER, CIH
TITLE: SR. INDUSTRIAL HYGIENIST
TELEPHONE NUMBER FOR ROUTINE INQUIRIES: (216) 379-7394

DATE OF PREPARATION OF MSDS: 03/15/91
REVISED, SUPERSEDES 09/28/90
COMPANY NAME: BRIDGESTONE/FIRESTONE, INC.
ADDRESS: 1200 FIRESTONE PARKWAY, AKRON, OH 44317
TELEPHONE NUMBER: (216) 379-7000

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