

FIRESTONE
MATERIAL SAFETY
DATA SHEET

DEEMED HAZARDOUS ACCORDING TO
OSHA HAZARD COMMUNICATION
RULE 29 CFR 1910.1200

FIRESTONE CODE: NE
DATE ENTERED : 04/17/86
DATE REVISED : 09/14/90
CLASSIFICATION: RS4

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME: EPDM FORMFLASH
CHEMICAL NAME/SYNONYMS: UNCURED RUBBER STOCK

CHEMICAL FAMILY: MIXTURE

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

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

NFPA ACUTE HAZARD RATING: N/E

SECTION 2 CHEMICAL COMPOSITION

INGREDIENT (CHEMICAL NAME)	CAS NO.	%	PEL	TLV
*CARBON BLACK	1333-86-4	<45	3.5 MG/M3	3.5 MG/M3
*ZINC OXIDE	1314-13-2	< 2	10 MG/M3	10 MG/M3
NON-HAZARDOUS ACCORDING TO OSHA 29 CFR 1910.1200	00-00-00	53	N/E	N/E

SECTION 3 EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT:
-NO SPECIAL ACTION NECESSARY. MATERIAL IS NON-IRRITATING TO THE EYES.

SKIN CONTACT:
-NO SPECIAL ACTION NECESSARY. MATERIAL DOES NOT AFFECT THE SKIN.

INHALATION:
-NO SPECIAL ACTION NECESSARY. MATERIAL IS NOT HAZARDOUS BY INHALATION.

INGESTION:
-NOT LIKELY TO CAUSE SERIOUS INJURY IF INGESTED. NO SPECIAL ACTION NECESSARY.

SPECIAL INSTRUCTIONS FOR PHYSICIAN:
NE

SECTION 4 PHYSIOLOGICAL EFFECTS

PRIMARY ROUTE(S) OF ENTRY INTO BODY: N/A

ACUTE EFFECTS:
EYES:
-NO KNOWN ADVERSE EFFECTS.

SKIN:
-NO KNOWN ADVERSE EFFECTS.

INHALATION:
-NO KNOWN ADVERSE EFFECTS.

INGESTION:
-NO KNOWN ADVERSE EFFECTS.

CHRONIC EFFECTS IN HUMANS:
-NO KNOWN ADVERSE EFFECTS.

CHRONIC EFFECTS IN ANIMALS:
-NO KNOWN ADVERSE EFFECTS.

SECTION 5 OCCUPATIONAL CONTROL PROCEDURES

VENTILATION:
-USE IN A LOCATION PROVIDED WITH GENERAL EXHAUST VENTILATION TO MAINTAIN
EXPOSURE LEVELS BELOW THE TLV.

PERSONAL PROTECTIVE EQUIPMENT:
RESPIRATOR TYPE:
-NONE REQUIRED.

GLOVES:
-NONE REQUIRED.

EYE PROTECTION:
-NONE REQUIRED.

OTHER:
-NONE REQUIRED.

SECTION 6 PHYSICAL DATA

APPEARANCE/ODOR:
-BLACK ROLLED STRIP

PHYSICAL STATE:
-SOLID

BOILING POINT: NE DEG.	SOLUBILITY IN WATER: NE
MELTING/FREEZING POINT: NE DEG.	VAPOR PRESSURE: NE MM HG AT DEG.
SPECIFIC GRAVITY(WATER=1): NE	VAPOR DENSITY(AIR=1): NE
PH(FULL STRENGTH): NA	EVAPORATION RATE :NO ENTRY
PH(RECOMMENDED DILUTION): NA	PERCENT VOLATILES: NE

SECTION 7 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NE DEG.

METHOD USED:

-NOT APPLICABLE

FLAMMABLE(EXPLOSIVE) LIMITS IN AIR: N/E

AUTOIGNITION TEMPERATURE: NE DEG.

SUITABLE EXTINGUISHING MEDIA:

-WATER SPRAY, ALCOHOL FOAM, CARBON DIOXIDE, OR DRY CHEMICAL

HAZARDOUS COMBUSTION PRODUCTS:

-CARBON DIOXIDE AND CARBON MONOXIDE

-OXIDES OF NITROGEN

-SULFUR DIOXIDE

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

UNUSUAL FIRE & EXPLOSION HAZARD:
-NO ENTRY

SECTION 8 REACTIVITY DATA

THERMAL STABILITY: STABLE
CONDITIONS TO AVOID:
-AVOID OPEN FLAMES, WELDING ARCS, OR OTHER HIGH TEMPERATURE SOURCES WHICH INDUCE
THERMAL DECOMPOSITION.

HAZARDOUS DECOMPOSITION PRODUCTS:
-NONE

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

INCOMPATIBILITY:
MATERIALS TO AVOID:
-NO ENTRY

CORROSIVE ACTION ON MATERIALS:
-NE

SECTION 9 STORAGE AND HANDLING PRECAUTIONS

STORAGE:
-KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
-STORE IN A COOL, DRY AREA.

HANDLING:
-NO ENTRY

PRECAUTIONARY LABELING:
NE

SECTION 10 ENVIRONMENTAL INFORMATION

SPILL OR LEAK PROCEDURES:

SPILL REPORTABLE QUANTITY: LBS. ()

WASTE DISPOSAL METHOD(INCLUDING CLEAN-UP MEDIA)

EPA OR APPROPRIATE WASTE CLASSIFICATION:

PROCEDURE FOR HANDLING EMPTY CONTAINERS:

ENVIRONMENTAL TOXICITY DATA:

OTHER REGULATORY CONTROLS:

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

TOXIC POLLUTANT(SECTION 307)? YES NO

HAZARDOUS SUBSTANCE(SECTION 311)? YES NO

OIL(SECTION 311)? YES NO

HAZARDOUS CLASS (SECTION 311):

ACUTE CHRONIC FIRE PRESSURE REACTIVE

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

HAZARDOUS AIR POLLUTANT(SECTION 12)? YES NO

COMMENTS:

NO SARA 313 REPORTABLE CHEMICALS.

SECTION 11 TRANSPORTATION/SHIPPING

INDICATE COUNTRY/REGULATORY AGENCY WHICH SPECIFIES REQUIREMENTS:

PROPER SHIPPING NAME:

HAZARD CLASS: IDENTIFICATION NO.:

LABELS REQUIRED:

OTHER REQUIREMENTS:

SECTION 12 ADDITIONAL DATA/COMMENTS

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: 09/14/90
REVISED, SUPERSEDES 04/11/86
COMPANY NAME: BRIDGESTONE/FIRESTONE, INC
ADDRESS: 1200 FIRESTONE, PARKWAY, AKRON, OH 44317
TELEPHONE NUMBER: (216) 379-7000

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