

1FID: 00237362
VER DATE: 1993-06-01

C H E M I S T R I D A T E : 10/22/02
M A T E R I A L S A F E T Y D A T A S H E E T T I M E : 19:02:02
P A G E : 0001

SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: MASPAND 435/2005

ALL SYNONYMS : CN29341

DEXPAND 435
DEXSPAND 435/2005 (FORMERLY)
FAH 2157
HMC-3189
MASPAND 435/2005
NN-SEALER
PW#14041370
SEALER-WINDSHIELD FRAME
10150281
14041370
15593642
15594547
15597341
435
435 DEXPAND
9981945
9984187C
9984526A

MSDS SIGNED BY NAME: LOUIE MOORE

SAFE USE CATEGORY AND DESCRIPTION: 16 -GENERAL USE

LAST UPDATED DATE: 1996-01-08

MANUFACTURER'S ID (MID): 000533188

MANUFACTURER'S NAME: LEAR CORPORATION (INTERIOR SYSTEMS GROUP

MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 248-213-4173

MANUFACTURER'S MAILING ADDRESS:

P.O.BOX 5008
21557 TELEGRAPH ROAD
SOUTHFIELD MI 48086-5008
US

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
000123773	R 1.0000/ 5.0000%	W	FORMAMIDE, 1,1'-AZOBIS-
001314132	R 3.0000/ 7.0000%	W	ZINC OXIDE
009003558	R 15.0000/ 40.0000%	W	STYRENE POLYMER with 1,3-BUTADIENE
014807966	R 15.0000/ 40.0000%	W	TALC (powder), containing no asbes tos fibers
063231607	R 5.0000/ 10.0000%	W	Paraffin waxes and Hydrocarbon wax es, microcryst.
063231674	R 1.0000/ 5.0000%	W	SILICA GEL
064742525	R 15.0000/ 40.0000%	W	MINERAL OIL, PETROLEUM DISTILLATES

, HYDROTREATED (severe) HEAVY NAPH
THENIC

SECTION 2 - OTHER INFORMATION: THIS MATERIAL, AS SUPPLIED, IS NOT EXPECTED TO PRESENT THE USER WITH ANY SIGNIFICANT HEALTH RISKS OTHER THAN THOSE PHYSICAL HAZARDS ASSOCIATED WITH MATERIAL HANDLING OF SIMILAR TYPES OF RUBBER PLASTIC COMPOUNDED PRODUCTS. OSHA AND ACGIH HAVE NOT ESTABLISHED SPECIFIC EXPOSURE LIMITS FOR THIS MATERIAL. WHEN DUSTING RESULTS FROM THE PHYSICAL ALTERATION OF THE MATERIAL; SUCH AS GRINDING, CHIPPING, CUTTING, SANDING, ETC., THE OSHA/ACGIH NUISANCE DUSTS EXPOSURE LIMITS SHOULD BE FOLLOWED. THE OSHA-PEL/TWA FOR NUISANCE DUSTS IS 15 MG/M3 TOTAL DUST AND 5 MG/M3 RESPIRABLE DUST. THE ACGIH TLV/TWA FOR NUISANCE DUSTS IS 10 MG/M3 TOTAL DUST.

THRESHOLD LIMIT VALUE: 1314-13-2: 10 MG/M3 // 14807-96-6: 2 MG/M3 // 64742-52-5: 5 MG/M3

PERMISSIBLE EXPOSURE LIMIT: 1314-13-2: 15 MG/M3 TOTAL DUST, 5 MG/M3 (RESPIRABLE) // 14807-96-6: 20 PPM (RESPIRABLE)

CERCLA (SUPERFUND) REPORTABLE QUANTITY (LBS): NOT REGULATED.

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY TEXT: INHALATION, SKIN AND INGESTION: N.A.

EFFECTS OF OVEREXPOSURE: THIS PRODUCT CONTAINS ZINC OXIDE IN AN ENCAPSULATED FORM. IT IS UNLIKELY TO BE RELEASED AS A RESPIRABLE DUST OR FUME. INHALATION OF ZINC OXIDE DUST OR FUMES CAN PRODUCE FLU-LIKE SYMPTOMS AND A METALLIC TASTE.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NOT KNOWN.

ADDITIONAL HEALTH HAZARD DATA: SIGNS AND SYMPTOMS OF EXPOSURE: NOT KNOWN.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - GENERAL: NOT KNOWN.

SECTION 05: FIRE-FIGHTING MEASURES

FLAMMABLE LEL: ND 0.00
FLAMMABLE UEL: ND 0.00

EXTINGUISHING MEDIA: WATER, DRY CHEMICAL.

SPECIAL FIRE FIGHTING PROCEDURES: USE A NIOSH/MSHA-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH A POSITIVE PRESSURE FACE PIECE WHEN THIS MATERIAL IS INVOLVED IN A FIRE. DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN.

NFPA CODES:

NFPA FLAMMABILITY CODE =

NFPA HEALTH CODE = 1
NFPA REACTIVITY CODE = 0

FLASH POINT TEMPS: > 400.00F

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: N/A

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN COOL, DRY ATMOSPHERE, TEMPERATURE NOT TO EXCEED 150 DEGREES FAHRENHEIT.

SECTION 7 - OTHER INFORMATION: NONE.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

RESPIRATORY PROTECTION: NONE REQUIRED FOR NORMAL USE.

PERSONAL PROTECTIVE EQUIPMENT: NONE

WORKPLACE/HYGIENIC PRACTICES: IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE PRACTICE, WEAR GLOVES WHEN HANDLING AND MINIMIZE SKIN CONTACT. WASH HANDS AFTER HANDLING.

PROTECTIVE GLOVES (SPECIFY TYPE): RECOMMENDED

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

THEORETICAL VOC WITHOUT WATER: V.O.C.: 0 LBS/GAL

BOILING POINT TEXT: N.A.

MELTING/FREEZE POINT TEXT: N.D.

SPECIFIC GRAVITY VALUES: R 0.9000- 1.5000

VAPOR DENSITY TEXT: N.D.

EVAPORATION RATE TEXT: N.D.

SOLUBILITY IN WATER TEXT: SOLID MATERIAL NOT SOLUBLE IN WATER.

PH OF PRODUCT AS RECEIVED (NEAT)/TEXT: N.A.

APPEARANCE: BLACK SOLID.

ODOR: NO ODOR.

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y
STABILITY - CONDITIONS TO AVOID: STORAGE TEMPERATURE NOT TO EXCEED 150
DEGREES FAHRENHEIT.

INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION MAY PRODUCE
CARBON, CARBON MONOXIDE, CARBON DIOXIDE, ACETIC ACID, NITROGEN OXIDES
AND LOW MOLECULAR WEIGHT HYDROCARBON VAPORS.

HAZARDOUS POLYMERIZATION INDICATOR: N
HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENICITY: NONE OF THE INGREDIENTS ARE LISTED AS A CARCINOGEN IN
NTP, IARC OR OSHA.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

HAZARD CLASS: NOT REGULATED.

U.N. CODE: N.A.
TDG SHIPPING NAME: NR
TDG UN NUMBER: NR
TDG HAZARD CLASS: NR
TDG PACKING GROUP: NR

SECTION 15: REGULATORY INFORMATION

SECTION 15 - OTHER INFORMATION: WHMIS CLASS: N // SARA TITLE III:
CONTAINS SUBSTANCE(S) SUBJECT TO REPORTING UNDER SECTION 313 (ZINC
COMPOUNDS)

SECTION 16: OTHER INFORMATION

RCRA HAZARDOUS WASTE NUMBER TEXT: NOT A HAZARDOUS WASTE.

LOCAL EXHAUST: OPTIONAL.

SPECIAL PROTECTION: N.A.

SPECIAL PROTECTION (MECHANICAL): OPTIONAL.