

Ziebart International Corporation
1290 E. Maple Road,
Troy, Michigan 48083
248-837-4030

PRODUCT: 2606N-10-002/2 Z300101 SEALANT-BLACK AEROSOL 14OZ

PRIOR TO BATCH #30114**Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURED FOR ZIEBART INTERNATIONAL CORPORATION
1290 EAST MAPLE ROAD
TROY, MI 48083
USA
PRODUCT NAME..... 2606N-10-002/2 Z300100 SEALANT-CLEAR 14OZ
CHEMICAL FAMILY..... MIXTURE.
MOLECULAR WEIGHT..... NOT APPLICABLE.
CHEMICAL FORMULA..... NOT APPLICABLE.
TRADE NAMES & SYNONYMS..... 2606N-10-002/2 Z300100 SEALANT-CLEAR 14OZ
RECOMMENDED PRODUCT USES..... RUSTPROOFING SEALANT.
FORMULA/LAB BOOK #..... F 10-606A.

Section 02: COMPOSITION/INFORMATION INGREDIENTS

Components	%	Exposure Limit	C.A.S. #	LD/50, Route, Species	LC/50 Route, Species
PETROLEUM DISTILLATES (MEDIUM ALIPHATIC SOLVENT NAPHTHA – PETROLEUM)	15 – 40	100 ppm	64742-88-7	6216 mg/kg ORAL - RAT	14.1 mg/l (4 hr) INHAL - RAT
HEXANE	30 -60	50 ppm	110-54-3	25,000 mg/kg ORAL – RAT	48,000 mg/kg INHAL – MOUSE
VM&P NAPHTHA	7 - 13	300 ppm	64742-89-8	NOT AVAILABLE	3400 ppm (4 hr) INHAL - RAT
ISOBUTANE	5 – 10	1000 ppm	75-28-5	NOT APPLICABLE	142,500 ppm (4h) INHAL - RAT
PROPANE	7 - 15	1000 ppm	74-98-6	>5000 mg/kg DERMAL-RABBITS	NOT AVAILABLE

Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:
INGESTION..... MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.
INHALATION..... INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLANT IS A SIMPLE ASPHYXIAN.
EYE CONTACT..... MAY CAUSE IRRITATION.
SKIN ABSORPTION..... MAY BE ABSORBED BY THE SKIN.
SKIN CONTACT..... DUST OR VAPORS MAY BE IRRITATING.
EFFECTS OF ACUTE EXPOSURE..... DIZZINESS, NAUSEA. IRRITATION TO SKIN & EYES.
EFFECTS OF CHRONIC EXPOSURE..... SOLVENTS MAY CAUSE DEFATTING DERMATITIS
EXPOSURE LIMIT OF MATERIAL..... . n-HEXANE IN LIGHT NAPHTHA - HYDROTREATED.
SEE SECTION 2.

Section 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPOUR OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED; DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION.

Section 05: FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE (°C). 225.
SPECIAL PROCEDURES..... WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.
FLAMMABILITY..... EXTREMELY FLAMMABLE.
IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
UPPER FLAMMABLE LIMIT. 7.7.
(% BY VOLUME)

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LOWER FLAMMABLE LIMIT..... 0.6.
 (% BY VOLUME)
 EXPLOSION DATA
 SENSITIVITY TO STATIC DISCHARGE.. NOT APPLICABLE.
 SENSITIVITY TO IMPACT..... NOT APPLICABLE.
 HAZARDOUS COMBUSTION
 PRODUCTS..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION
 IS INCOMPLETE.
 AEROSOL FLAME PROJECTION
 CLASSIFIED AS:..... >45cm BUT <100cm.
 FLASHBACK..... YES.
 FLASH POINT(°C),TAG CLOSED-CUP LOWEST KNOWN VALUE IS HEXANE @ -23C.
 (CONCENTRATE)

Section 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL..... REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND
 NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A
 WATERCOURSE.

Section 07: HANDLING AND STORAGE

STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
 ENGINEERING CONTROLS..... VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS
 BASIS).
 HANDLING PROCEDURES AND STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
 EQUIPMENT
 SYNERGISTIC MATERIALS..... NONE KNOWN.

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

GLOVES/ TYPE..... WEAR CHEMICAL RESISTANT GLOVES.
 RESPIRATORY/TYPE..... IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE
 RESPIRATOR (NIOSH/MSHATC 23C OR EQUIVALENT) IS RECOMMENDED.
 EYE/TYPE..... SAFETY GLASSES.
 FOOTWEAR/TYPE..... NOT NORMALLY REQUIRED.
 OTHER/TYPE..... NOT REQUIRED.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... AEROSOL.
 APPEARANCE..... BLACK
 ODOR..... SOLVENT ODOR.
 ODOR THRESHOLD..... NOT AVAILABLE.
 VAPOUR PRESSURE(PSIG)-AEROSOL. 55-65
 @ 20 C
 BOILING POINT (°C)(CONC)..... 69-205.
 EVAPORATION RATE..... GREATER THAN 1. n-
 BUTYL ACETATE = 1
 VAPOUR DENSITY (AIR=1)..... GREATER THAN 1.
 (BY WEIGHT)
 SOLUBILITY IN WATER g/L (20°C)..... NEGLIGIBLE.
 pH..... NOT APPLICABLE.
 SPECIFIC GRAVITY (LIQUID)..... 0.74 - 0.78
 COEFFICIENT OF WATER/OIL DIST..... NOT AVAILABLE.
 FREEZING POINT: (°C)..... NOT AVAILABLE.
 AEROSOL PERCENT VOLATILE..... 78-80.
 (BY WEIGHT).
 SPECIFIC GRAVITY (AEROSOL)..... 0.66-0.70.

Section 10: STABILITY AND REACTIVITY

HAZARDOUS PRODUCTS OF
 DECOMPOSITION..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION
 IS INCOMPLETE.
 CHEMICAL STABILITY:
 YES..... UNDER NORMAL CONDITIONS.
 NO, WHICH CONDITIONS?..... NOT APPLICABLE.
 COMPATIBILITY WITH OTHER
 SUBSTANCES:
 NO, WHICH ONES?..... STRONG OXIDIZING AGENTS.
 REACTIVITY CONDITIONS?..... NOT APPLICABLE.

PRODUCT: 2606N-10-002/2 Z300100 SEALANT-BLACK 14OZ**Section 10: STABILITY AND REACTIVITY**

NO, WHICH ONES? STRONG OXIDIZING AGENTS.
 REACTIVITY CONDITIONS? NOT APPLICABLE
 HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.

Section 11: TOXICOLOGICAL INFORMATION

REPRODUCTIVE EFFECTS..... N-HEXANE- EXCESS EXPOSURE CAN RESULT IN PERIPHERAL NEUROPATHIES. THE INITIAL SYMPTOMS ARE SYMMETRICAL SENSORY NUMBNESS AND PARESTHESIAS OF DISTAL PORTIONS OF THE EXTREMITIES. MOTOR WEAKNESS IS TYPICALLY OBSERVED IN MUSCLES OF THE TOES AND FINGERS BUT MAY ALSO INVOLVE MUSCLES OF THE ARMS, THIGHS AND FOREARMS. THE ONSET OF THESE SYMPTOMS MAY BE DELAYED FOR SEVERAL MONTHS TO A YEAR AFTER THE BEGINNING OF EXPOSURE. THE NEUROTOXIC PROPERTIES OF N-HEXANE ARE POTENTIATED BY EXPOSURE TO METHYL ETHYL KETONE AND METHYL ISOBUTYL KETONE. PROLONGED EXPOSURE TO HIGH CONCENTRATIONS OF N-HEXANE (>1,000 ppm) HAS RESULTED IN DECREASED SPERM COUNT AND DEGENERATIVE CHANGES IN THE TESTES OF RATS BUT NOT THOSE OF MICE.

IRRITANCY OF MATERIAL..... SKIN/EYE IRRITANT.
 SENSITIZING CAPABILITY OF MATERIAL..... UNKNOWN.
 CARCINOGENICITY OF MATERIAL..... NONE KNOWN.
 MUTAGENICITY:..... NONE KNOWN.
 TERATOGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.

Section 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL..... NOT AVAILABLE.

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

Section 14: TRANSPORTATION INFORMATION

D.O.T. CLASSIFICATION..... CONSUMER COMMODITY, ORM-D.
 T.D.G. CLASSIFICATION..... CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.1).
 IMDG/IMO:
 Classification..... CONSUMER COMMODITY/LIMITED QUANTITY.
 Proper Shipping Name..... AEROSOLS, FLAMMABLE.
 UN Number..... 1950.
 Packing Group..... N/A.
 UN Class. 2.1.
 Marine Pollutant..... NO.

Section 15: REGULATORY INFORMATION**CANADIAN REGULATIONS:**

WHMIS CLASSIFICATION..... A,B5,D2B.
 CNFC SECTION 3.3.5..... LEVEL 3.
 CEPA (Canadian Environmental Protection ... ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC Act) SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

U.S. REGULATIONS:

HMIS RATING HEALTH..... 2 MODERATE HAZARD.
 HMIS RATING FLAMMABILITY..... 4 SEVERE HAZARD.
 HMIS RATING REACTIVITY..... 0 MINIMAL HAZARD.
 HMIS RATING PERSONAL PROTECTION.. B.
 NFPA CODE 30B..... LEVEL 3.
 SARA 313 INFORMATION:..... THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

CALIFORNIA PROPOSITION 65:..... WARNING: THIS PRODUCT DOES NOT INTENTIONALLY CONTAIN ANY CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

. CAS #: CHEMICAL NAME:
 . *110-54-3 N-HEXANE

PRODUCT: 2606N-10-002/2 Z300100 SEALANT-BLACK 14OZ**Section 15: REGULATORY INFORMATION**

CALIFORNIA PROPOSITION 65:.....

THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY

WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT
OF 1986:

CAS #:

CHEMICAL NAME:

. N/A.

TSCA (Toxic Substances Control Act).....

ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY
IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.

VOC (w/w%). 78-80.

Section 16: OTHER INFORMATIONNOTICE FROM ZIEBART INTERNATIONAL
CORPORATIONTHE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY
ZIEBART INTERNATIONAL CORPORATION FREE OF CHARGE. WHILE BELIEVED TO
BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN
RISK. ZIEBART INTERNATIONAL CORPORATION ASSUMES NO RESPONSIBILITY
FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE
INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE
SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN
COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.

PREPARED BY.....

Regulatory Affairs

PREPARATION DATE

Jan21/14