

SAFETY DATA SHEET
EPO MVB® (PART A)
(VERSION # 1- JULY 2, 2024)



SECTION 1. IDENTIFICATION

PRODUCTS IDENTIFIER	EPO MVB
OTHER IDENTIFICATION	FMVB-3
UN/ID NO	UN3082
RECOMMENDED USE	MOISTURE VAPOR BARRIER EPOXY COATING
RESTRICTIONS ON USE	UNKNOWN
SUPPLIER IDENTIFIER	PROSOL INC. 4305 RUE GRIFFITH, SAINT-LAURENT, QC, H4T 2A2 WWW.PROSOL.CA
EMERGENCY PHONE NO.	24-HOUR EMERGENCY TELEPHONE NUMBER CANADA (CANUTEC): (613) 996-6666 RENO BOISCLAIR 418-561-7578

SECTION 2. HAZARD IDENTIFICATION

CLASSIFICATION

SKIN SENSITIZATION	CATEGORY 1B
SKIN CORROSION/IRRITATION	CATEGORY 2
SERIOUS EYE DAMAGE/IRRITATION	CATEGORY 2A
ACUTE TOXICITY, ORAL	CATEGORY 5
HAZARDOUS TO THE AQUATIC ENVIRONMENT - ACUTE	CATEGORY 2
HAZARDOUS TO THE AQUATIC ENVIRONMENT - CHRONIC	CATEGORY 2

LABEL ELEMENTS



SIGNAL WORD

WARNING

HAZARD STATEMENTS

H303: MAY BE HARMFUL IF SWALLOWED
H315: CAUSES SKIN IRRITATION
H317: MAY CAUSE AN ALLERGIC SKIN REACTION
H319: CAUSES SERIOUS EYE IRRITATION
H401: TOXIC TO AQUATIC LIFE
H411: TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

PRECAUTIONARY STATEMENTS – PREVENTION

P261 AVOID BREATHING DUST/FUME/GAS/MIST/VAPORS/SPRAY.
P264 WASH WITH PLENTY OF WATER AND SOAP THOROUGHLY AFTER HANDLING.
P272 CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE.
P280 WEAR PROTECTIVE GLOVES/EYE PROTECTION.
P305 + P351 + P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO SO. CONTINUE RINSING.
P337 + P313 IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION. P302 + P352 IF ON SKIN: WASH WITH PLENTY OF WATER.
P333 + P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.
P312 IF SWALLOWED: CALL A POISON CENTER/DOCTOR/...IF YOU FEEL UNWELL. P362 + P364 TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.
P273 AVOID RELEASE TO THE ENVIRONMENT.
P391 COLLECT SPILLAGE.
P501 DISPOSE OF CONTENTS/CONTAINER INTO SAFE CONTAINER IN ACCORDANCE WITH LOCAL, REGIONAL OR NATIONAL REGULATIONS.

OTHER HAZARDS

UNKNOWN

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	% CONCENTRATION
Reaction product: bisphenol-A-(epichlorohydrin) epoxy resin	25085-99-8	60-100
Alkyl (C12-C14) glycidyl ether	68609-97-2	1-10
Benzyl Alcohol	100-51-6	1-10

****IF CHEMICAL NAME/CAS NO IS "PROPRIETARY" AND/OR WEIGHT-% IS LISTED AS A RANGE, THE SPECIFIC CHEMICAL IDENTITY AND/OR PERCENTAGE OF COMPOSITION HAS BEEN WITHHELD AS A TRADE SECRET. ****

SECTION 4. FIRST-AID MEASURES

INGESTION

CALL A POISON CENTER/DOCTOR/...IF YOU FEEL UNWELL.

SKIN CONTACT

FLUSH WITH SOAP AND WATER FOR A MINIMUM OF 15 MINUTES. CONSULT A PHYSICIAN IF IRRITATION PERSISTS OR YOU FEEL UNWELL.

EYE CONTACT

RINSE IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN.

MOST IMPORTANT SYMPTOMS AND EFFECTS, ACUTE AND DELAYED

IF INHALED	MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED.
IF ON SKIN	HARMFUL IF IN CONTACT WITH THE SKIN. CAUSES SKIN IRRITATION. EXPOSURE MAY PRODUCE AN ALLERGIC REACTION
IF IN EYES	CAUSES SERIOUS EYE DAMAGE.
IF INGESTED	INGESTION IS LIKELY TO BE HARMFUL OR HAVE ADVERSE EFFECTS IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT

SPECIAL INSTRUCTIONS IF A PHYSICIAN OR MEDICAL ATTENTION IS REQUIRED, HAVE PRODUCT CONTAINER OR LABEL AT HAND.

SECTION 5. FIRST-FIGHTING MEASURES

EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA

IN CASE OF FIRE: WATER FOG, FOAM, DRY CHEMICAL POWDER, CARBON DIOXIDE (CO₂)

UNSUITABLE EXTINGUISHING MEDIA

WATER JET

SPECIFIC HAZARDS ARISING FROM THE PRODUCT

DURING FIRE, SMOKE MAY CONTAIN THE ORIGINAL MATERIAL IN ADDITION TO COMBUSTION PRODUCTS OF VARYING COMPOSITION WHICH MAY BE TOXIC AND/OR IRRITATING.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND PROTECTIVE FIRE-FIGHTING CLOTHING. AVOID CONTACT WITH THIS MATERIAL DURING FIRE-FIGHTING OPERATIONS. IF CONTACT IS LIKELY, CHANGE TO FULL CHEMICAL RESISTANT FIRE-FIGHTING CLOTHING WITH SELF-CONTAINED BREATHING APPARATUS.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

CLEAR AREA. ENSURE ADEQUATE VENTILATION. WEAR SUITABLE PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

FOR CONTAINMENT, ENSURE ADEQUATE VENTILATION AND ABSORB ANY SPILL WITH INERT LIQUID BINDING MATERIAL AND DISPOSE OF WASTE SAFELY.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. WHEN USING, DO NOT EAT, DRINK OR SMOKE. PROVIDE ADEQUATE VENTILATION. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. AVOID USE OF ELECTRIC BAND HEATERS. AVOID RELEASE TO THE ENVIRONMENT. OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES.

CONDITIONS FOR SAFE STORAGE

STORE IN COOL DRY AND WELL-VENTILATED PLACE. KEEP STORED IN ACCORDANCE WITH LOCAL, REGIONAL, NATIONAL, AND INTERNATIONAL REGULATIONS. STORE AWAY FROM INCAPABLE MATERIALS.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS

ALL PROTECTIVE CLOTHING SHOULD BE APPROPRIATELY CLEAN AND AVAILABLE TO DRESS INTO BEFORE WORK. THE
ENGINEERING MEASURES OR CONTROLS AND PPE RECOMMENDATIONS ARE ONLY GUIDELINES AND MAY NOT APPLY
TO EVERY SITUATION. DATA NOT AVAILABLE. FOR ADDITIONAL INFORMATION, PLEASE CONSULT THE CORRESPONDING
REQUIREMENTS UNDER [HTTP://WWW.CCOHS.CA/TOPICS/HAZARDS/CHEMICAL/CHEMICALS/](http://www.ccohs.ca/topics/HAZARDS/CHEMICAL/CHEMICALS/)

APPROPRIATE ENGINEERING CONTROLS

LOCAL EXHAUST VENTILATION REQUIRED. MAKE UP AIR SHOULD BE SUPPLIED TO BALANCE AIR THAT IS REMOVED BY
LOCAL OR GENERAL EXHAUST VENTILATION. PROVIDE SUFFICIENT VENTILATION TO KEEP VAPORS BELOW PERMISSIBLE
EXPOSURE LIMIT. EMERGENCY EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE IN THE
IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE. ENSURE ALL NATIONAL / LOCAL REGULATIONS ARE OBSERVED.

INDIVIDUAL PROTECTION MEASURES

GENERAL MEASURES

DO NOT EAT, DRINK OR SMOKE DURING WORK. AVOID ALL CONTACT WITH SKIN OR EYE. IF CLOTHING COMES INTO CONTACT
WITH MATERIAL, DO NOT ALLOW OUT OF THE WORKPLACE. CLEAN HANDS AND ANY EXPOSED SKIN THOROUGHLY AFTER
WORK AND BEFORE BREAKS.

EYE / FACE PROTECTION USE TIGHTLY SEALED GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS WHICH ARE RESISTANT TO CHEMICALS.

SKIN PROTECTION

WEAR CHEMICAL RESISTANT PROTECTION GLOVES. WEAR IMPERVIOUS CLOTHING AS NECESSARY TO PROTECT AGAINST COMING IN CONTACT WITH PRODUCT.

RESPIRATORY PROTECTION

IF INSUFFICIENT VENTILATION, WEAR RESPIRATORY PROTECTION.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	CLEAR LIQUID
ODOR	NOT AVAILABLE
ODOR THRESHOLD	NOT AVAILABLE
PH	NOT AVAILABLE
MELTING POINT	NOT AVAILABLE
INITIAL BOILING POINT / RANGE	NOT AVAILABLE
FLASH POINT	>93°C
EVAPORATION RATE	NOT AVAILABLE
FLAMMABILITY (SOLID; GAS)	NOT AVAILABLE
LOWER FLAMMABLE/EXPLOSIVE LIMIT	NOT AVAILABLE
UPPER FLAMMABLE/EXPLOSIVE LIMIT	NOT AVAILABLE
VAPOR PRESSURE	NOT AVAILABLE
VAPOR DENSITY	NOT AVAILABLE
SPECIFIC GRAVITY	1.14
SOLUBILITY	PARTIAL
PARTITION COEFFICIENT-N-OCTANOL/WATER	NOT AVAILABLE
AUTO-IGNITION TEMPERATURE	NOT AVAILABLE
DECOMPOSITION TEMPERATURE	NOT AVAILABLE

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY	NON-REACTIVE
CHEMICAL STABILITY	STABLE UNDER RECOMMENDED HANDLING AND STORAGE CONDITIONS
POSSIBILITY OF HAZARDOUS REACTIONS	THIS PRODUCT WILL POLYMERIZE IF MIXED WITH AN AMINE. CONSIDERABLE HEAT CAN EVOLVE.
CONDITIONS TO AVOID	AVOID TEMPERATURES EXCEEDING THE FLASH POINT. AVOID UNINTENDED CONTACT WITH AMINES.
INCOMPATIBLE MATERIALS	STRONG OXIDIZERS, STRONG ALKALIS, STRONG MINERAL ACIDS, AMINES.
HAZARDOUS DECOMPOSITION PRODUCTS	UNKNOWN

SECTION 11. TOXICOLOGY INFORMATION

LIKELY ROUTES OF ADMINISTRATION	INHALATION, SKIN CONTACT, EYE CONTACT, INGESTION.
ACUTE TOXICITY	ORAL: PHENOL 317 MG/KG (RAT) DERMAL: HARMFUL IN CONTACT WITH SKIN LD50: 850 MG/KG
LD50 AND LC50 DATA	NOT AVAILABLE
SKIN CORROSION/IRRITATION	CAUSES SKIN IRRITATION
SERIOUS EYE DAMAGE/ IRRITATION	CAUSES SERIOUS EYE DAMAGE
STOT (SPECIFIC TARGET ORGAN TOXICITY) SINGLE EXPOSURE INHALATION	MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED
ASPIRATION HAZARD	NOT CLASSIFIED BASED ON AVAILABLE DATA.
STOT(SPECIFIC TARGET ORGAN TOXICITY) REPEATED EXPOSURE	SKIN, EYES, CENTRAL NERVOUS SYSTEM RESPIRATORY SYSTEM
RESPIRATORY AND/OR SKIN SENSITIZATION	NO DATA
CARCINOGENICITY	UNKNOWN
CHEMICAL NAME	IARC ACGIH® NTP OSHA
REPRODUCTIVE TOXICITY	NOT AVAILABLE
GERM CELL MUTAGENICITY	NOT AVAILABLE
INTERACTIVE EFFECTS	NOT AVAILABLE

SECTION 12. ECOLOGICAL INFORMATION

TOXIC TO AQUATIC LIFE WITH LASTING EFFECTS.
THIS IS NOT REQUIRED BY WHMIS.
THIS IS NOT REQUIRED BY OSHA HCS 2012.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

DISPOSE OF CONTENTS/CONTAINER INTO SAFE CONTAINER IN ACCORDANCE WITH LOCAL, REGIONAL OR NATIONAL REGULATIONS.

SECTION 14. TRANSPORT INFORMATION

UN NUMBER; PROPER SHIPPING NAME; CLASS(ES); PACKING GROUP (PG) OF THE TDG

REGULATIONS: UN3267; CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. DIETHYLENETRIAMINE, 4-NONYLPHENOL, BRANCHED); CLASS 8; PG III

UN NUMBER; PROPER SHIPPING NAME; CLASS(ES); PACKING GROUP (PG) OF THE IMDG (MARITIME):

UN3267; CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (. DIETHYLENETRIAMINE, 4-NONYLPHENOL, BRANCHED); CLASS 8; PG III; MARINE POLLUTANT

UN NUMBER; PROPER SHIPPING NAME; CLASS(ES); PACKING GROUP (PG) OF THE IATA (AIR):

UN3267; CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. DIETHYLENETRIAMINE, 4-NONYLPHENOL, BRANCHED); CLASS 8; PG III; MARINE POLLUTANT

SECTION 15. REGULATORY INFORMATION

NOT REQUIRED UNDER CANADIAN REGULATIONS.

SECTION 16. OTHER INFORMATION

ISSUE DATE:

AUGUST 2022

REVISION DATE:

AUGUST 31 , 2023

REVISION NOTE:

THE ENTIRE MDSD WAS CHANGED IN AUGUST 2020 TO BE IN ACCORDANCE WITH THE WHMIS 2015 WHICH INCORPORATES THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELING OF CHEMICALS FOR CANADIAN WORKPLACES.

References

1. CHOHS FACT SHEETS SEPTEMBER 2016 ©CCOHS 2016
2. SUPPLIER'S MATERIAL SAFETY DATA SHEET(S)

ACGIH

AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

ATE

ACUTE TOXICITY ESTIMATE

CAS

CHEMICAL ABSTRACT SERVICE

DSL

DOMESTIC SUBSTANCE LIST

IARC

INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IATA

INTERNATIONAL AIR TRANSPORT ASSOCIATION

IMDG

INTERNATIONAL MARITIME DANGEROUS GOODS CODE

LC

LETHAL CONCENTRATION

LD

LETHAL DOSAGE

NIOSH

NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

NTP

NATIONAL TOXICOLOGY PROGRAM (U.S.A.)

OSHA

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (U.S.A.)

PEL

PERMISSIBLE EXPOSURE LIMIT

STEL

SHORT-TERM EXPOSURE LIMIT

TDG

TRANSPORT OF DANGEROUS GOODS IN CANADA

TLV

THRESHOLD LIMIT VALUE

TSCA

TOXIC SUBSTANCES CONTROL ACT

TWA

TIME WEIGHTED AVERAGE

WHMIS

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM

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