SAFETY DATA SHEET

Date Revised: 3/5/13 **Date Printed:** 4/1/15

========== SECTION 1 - IDENTIFICATION ==========

MANUFACTURER: SIERRA CORP/TK PRODUCTS EMERGENCY PHONE: 1-800-424-9300
ADDRESS : 11400 WEST 47TH STREET INFORMATION PHONE: (952)938-7223
MINNETONKA, MN 55343 NAME OF PREPARER : Safety Director

PRODUCT NAME: EPO EXCEL PATCH, PART B
PRODUCT CODE: TK-EPO EXCEL B

========== SECTION 2 - HAZARDS IDENTIFICATION ==========

HAZARD RISK CLASSIFICATION
SIGNAL WORD: DANGER
PICTOGRAM:
GHS07 - EXCLAMATION MARK GHS08 - HEALTH HAZARD GHS09 - ENVIRONMENT

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE LIQUIDS	CATEGORY 4
SKIN CORROSION / IRRITATION	CATEGORY 2
SERIOUS EYE DAMAGE / EYE IRRITATION	CATEGORY 2 AND 2A
SKIN SENSITIZER	CATEGORY 1
GERM CELL MUTAGENICITY	CATEGORY 1 (BOTH 1A AND 1B)
CARCINOGENICITY	CATEGORY 1 (BOTH 1A AND 1B)
ASPIRATION HAZARD	CATEGORY 1
HAZARDOUS TO THE AQUATIC ENVIRONMENT LONG-TERM (CHRONIC)	CHRONIC 2

HAZARD STATEMENTS:

H227	Combustible liquid
H304	May be fatal if swallowed or enters airways
H315	Causes skin irritation
H317	May cause allergic skin reaction
H319	Causes serious eye irritation.
H340	May cause genetic defects
H350	May cause cancer.
H411	Toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS:
PREVENTION:

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/hot surfaces/sparks/open flames and other sources of ignition. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapor/ spray.
P264	Wash hands and any exposed area thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P281	Use appropriate personal protective impervious gloves/protective clothing/ OSHA approved eye protection/ face protection.

RESPONSE:

P301+P310	If swallowed: Immediately call a Poison Center / doctor.
P302+P352	If on skin: Wash with plenty of water.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 If exposed or concerned: Get medical advice / attention.
P321 Specific treatment (see on this label)
P330 Rinse mouth.
P331 Do NOT induce vomiting.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P370+P378 In case of fire: Use carbon dioxide (CO2), powder, alcohol-resistant foam to extinguish.

STORAGE:
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

DISPOSAL:
P501 Store separately. Dispose of contents/ container in accordance with local/ regional/national /international regulations.

========== SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS ==========

COMPONENT	CAS NUMBER	WEIGHT PERCENT	EXPOSURE LIMITS OSHA PEL	ACGIH TLV	OTHER
* ISOPARAFFINIC HYDROCARBON	64742-48-9	25-50			
				196 PPM (EXXON)	
Epichlorohydrin Copolymer	25068-38-6	10-25			
				NOT ESTABLISHED	

* Chemical(s) that are chronic health hazards. Refer to section 3 for further information.

PRIMARY ROUTES OF EXPOSURE:
Skin contact.
EFFECTS OF ACUTE EXPOSURE:
EYES: Direct contact with eyes may cause irritation.
SKIN: Prolonged or repeated contact may cause irritation.INHALATION: Inhalation of vapor or mist can cause irritation of nose, throat and lungs and lead to headaches and nausea.
INGESTION: Not an anticipated route of exposure. Small amounts are not expected to be harmful.
CHRONIC HEALTH EFFECTS:
Although some components may indicate chronic exposure effects, no effects are anticipated under normal use conditions due to the relatively low proportion in the total mixture.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
No known effects on other illnesses.

========== SECTION 4 - FIRST AID MEASURES ==========

EYES: Flush with large amounts of water for 15 minutes, lifting upper and lower eyelids. If irritation persists seek medical attention.
SKIN CONTACT: Wash contaminated area with soap and water. Remove and launder contaminated clothing.
INGESTION: If a large amount is ingested, give water or milk and induce vomitting. Seek medical attention.
INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. If breathing has stopped administer artificial respiration. Seek medical attention if condition persists.

========== SECTION 5 - FIRE AND EXPLOSION HAZARD DATA ==========

FLASH POINT: No flash **METHOD USED: TCC**
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: n/a **UPPER: n/a**
EXTINGUISHING MEDIA:
This material will not burn in its liquid state unless heated above its flash point. Dried films may burn and can be extinguished by water spray, foam, dry chemical or carbon dioxide.

SPECIAL FIREFIGHTING PROCEDURES:
Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment. Isolate danger area, keep unauthorized personnel out.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
There is the possibility of pressure buildup in closed containers when heated. Water spray may be used to cool these containers.

========== SECTION 6 - ACCIDENTAL RELEASE MEASURES ==========

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Do not let uncured spilled or leaking material enter watercourse. May be toxic to aquatic life. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water. Wear appropriate protective equipment.

========== SECTION 7 - HANDLING AND STORAGE ==========

HANDLING INFORMATION:
Employees who come in contact with this material must be trained in accordance to 1910.1200 of the Hazard Communicatin Standard. Wear chemical resistant gloves and protective clothing to minimize contact. The use of respiratory protection is advised when spraying because of mist and dust overspray.

STORAGE INFORMATION:
Keep containers tightly closed. Use and store material in cool, dry, well-ventilated areas away from heat, direct sunlight, hot metal surfaces, and all sources of ignition. Post "No smoking or open flame" sign. Store only in approved containers. Keep away from incompatible materials (see section 10). Protect containers against physical damage. Indoor storage should meet OSHA standards and appropriate fire codes.

OTHER PRECAUTIONS:
All empty containers should be disposed of in an evironmentally safe manner in accordance with all governmental regulations.

========== SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION ==========

RESPIRATORY PROTECTION:
No special requirements under normal use conditions. In confined areas, or ares with poor ventilation, engineering controls should be used to minimize exposure. Use NIOSH/MSHA approved respirator if conditions warrant.

VENTILATION:
General room ventilation is adequate.

PROTECTIVE GLOVES:
Prevent prolonged or repeated contact by wearing chemical resistant gloves and other appropriate protective clothing. Launder contaminated clothing before reuse.

EYE PROTECTION:
Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

WORK/HYGIENIC PRACTICES:
Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Follow OSHA and company guidlines.

========== SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ==========

PHYSICAL STATE: Liquid
COLOR: Various colors
ODOR: Odorless.
SOLUBILITY IN WATER: Insoluble/Negligible
SPECIFIC GRAVITY (H2O=1): .95
VAPOR DENSITY: Heavier than air.
BOILING RANGE:
EVAPORATION RATE: Slower than nBuAc
COATING V.O.C.: 284 g/l (2.37 lb/gl)

========== SECTION 10 - STABILITY AND REACTIVITY DATA ==========

STABILITY:
Stable under normal conditions and handling.

CONDITIONS TO AVOID:
None known

INCOMPATIBILITY (MATERIALS TO AVOID):
Avoid exposure to strong oxidizing agents and reducing agents.

Date Revised: 3/5/13 **Date Printed:** 4/1/15

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
Combustion may liberate toxic byproducts such as carbon dioxide, and carbon monoxide, various oxides of carbon and nitrogen. Thermal decomposition may liberate acrylic monomers and ammonia.

HAZARDOUS POLYMERIZATION:
Will not occur.

========== SECTION 11 - TOXICOLOGICAL INFORMATION ==========

SENSITIZATION:
Product is a skin sensitizer; sensitization can be severe in susceptible individuals.

CARCINOGENICITY:
There is no data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

REPRODUCTIVE TOXICITY:
There is no data available to indicate any components present at greater than 0.1% may present reproductive toxicity.

TERATOGENICITY (BIRTH DEFECTS):
There is no data available to indicate any components present at greater than 0.1% may cause birth defects.

MUTAGENICITY:
There is no data to indicate that any component present at greater than 0.1% will alter DNA.

========== SECTION 12 - ECOLOGICAL INFORMATION ==========

ENVIRONMENTAL DATA:
Although no information is available for this specific product mixture, individual components may by themselves may have ecological affects.

========== SECTION 13 - DISPOSAL CONSIDERATIONS ==========

This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261, however, state and local regulations may be more restrictive. Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

========== SECTION 14 - TRANSPORT INFORMATION ==========

SHIPPING NAME:
Not regulated.

==========SECTION 15 - REGULATORY INFORMATION ==========

All ingredients of this product are listed, or are excluded from listing, on the US Toxic Subatances Control Act (TSCA) chemical substance inventory.

This product does not contain a chemical subject to the reporting requirements of SARA Title III, Section 313 (40CFR 372) above de minimis concentrations.

STATE SPECIFIC REQUIREMENTS:
This product contains a chemical(s) known to the state of California to cause cancer, birth defects or reproductive harm, which are subject to the requirements of California Proposition 65.
Phenylglycidyl ether (trace amounts)

STATE LISTED COMPONENTS	CAS NUMBER	STATE CODE
Phenylglycidyl Ether	122-60-1	CA

==========SECTION 16 - OTHER INFORMATION ==========

REVISION DATE: 03/05/13

HMIS CODES:	H	F	R	P
	1	1	1	B