

# MATERIAL SAFETY DATA SHEET

CHEMCO INDUSTRIES, INC.  
5731 Manchester Ave., St. Louis, MO 63110



DATE OF ISSUE: January, 05, 2006

GENERAL INFORMATION # : 314-647-1888  
EMERGENCY TELEPHONE # : (800) 854-4236

## I-PRODUCT IDENTIFICATION

### SEAL IT

PRODUCT CODE: 209A

CHEMICAL FORMULATION: RUBBERIZED FLEXIBLE COATING FOR ROOK & AUTOMOBILES

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0

HAZARD RATING: 4- Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

## II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))				Other Limits	
	CAS #	OSHA PEL	ACGIHTLV	Recommended	% optional
1,1,1, TRICHLOROETHANE	71-55-6	350	350		20-25%
OXYGENATED HYDROCARBON	N/D	N/D	N/D		30-40%

PROPELLANT HYDROCARBON PROPELLANT 68476-86-8 1000 1000

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit

N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

## III - PHYSICAL DATA

BOILING POINT (C/F): 170°F	MELTING POINT:
VAPOR PRESSURE (mm Hg.)Psig 55	SPECIFIC GRAVITY (WATER = 1): 1.090
VAPOR DENSITY (AIR = 1): N/D	% VOLATILE BY VOLUME >80%
SOLUBILITY IN WATER: NEGLIGIBLE	EVAPORATION RATE (Water = 1):
	pH:
APPEARANCE AND ODOR: BLACK LIQUID WITH SOLVENT ODOR	

## IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (F/(C): (TEST METHOD):  
FLAMMABLE LIMITS: EXTREMELY FLAMMABLE SPRAY UPPER: N/D LOWER: N/D  
EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE

SPECIAL FIRE FIGHTING PROCEDURES: KEEP CONTAINERS COOL USE EQUIPMENT OR SHIELDING REQUIRED TO PROTECT PERSONEL AGAINST BURSTING, RUPTURING OR VENTING CONTAINERS. WEAR SELF CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARD: AT ELEVATED TEMPERATURES (ABOVE 120°F) CONTAINERS MAY RUPTURE OR BURST

## V - REACTIVITY DATA

STABILITY:	STABLE
INCOMPATIBILITY:	STRONG ALKALIES, OXIDIZERS, ALUMMINUM AND OTHER REACTIVE METALS.
CONDITIONS TO AVOID:	DO NOT EXPOSE TO TEMPERATURES ABOVE 120°F
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	AT ABNORMALLY HIGH TEMPERATURES POSSIBLE TRACE AMOUNTS OF PHOSGENE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
CONDITIONS TO AVOID:	NONE

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: SEAL IT

PRODUCT CODE: #209A

## VI - HEALTH AND HAZARD DATA

ROUTES OF ENTRY: INHALATION? SKIN? INGESTION?  
HEALTH HAZARDS (ACUTE & CHRONIC):

CARCINOGENICITY? NTP? IARC MONOGRAPHS? OSHA REGULATED?

### EFFECTS OF OVEREXPOSURE

**IF IN EYES:** CAN CAUSE SEVERE IRRITATION, REDNESS TEARING AND BLURRED VISION

**IF ON SKIN:** PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING AND DERMITITIS

**IF SWALLOWED:** CAN CAUSE GI IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS

**IF INHALED:** MINIMAL EFFECTS BELOW 1000 PPM; DIZZINESS, DROWSINESS AND THROAT IRRITATION AT LEVELS ABOVE 1000 PPM. UNCONSCIOUSNESS AND DEATH POSSIBLE AT LEVELS ABOVE 10,000 PPM. BLOOD PRESSURE DEPRESSION CARDIAC SENSITIZATION, VENTRICULAR ARRHYTHMIA CAN RESULT FROM EXPOSURE TO NEAR ANESTHETIC LEVELS.

### EMERGENCY AND FIRST AID PROCEDURES

**IF IN EYES:** FLUSH EYES WITH WATER, LIFTING UPPER AND LOWER LIDS. GET MEDICAL ATTENTION.

**IF ON SKIN:** WASH EXPOSED SKIN AREAS WITH SOAP AND WATER

**IF SWALLOWED:** DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. ASPIRATION OF MATERIAL INTO LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS.

**IF INHALED:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING STOPS GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.

## VII - SPILL AND LEAK PROTECTION

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** ELIMINATE CLEAN UP AREA BY MOPPING OR WITH ABSORBENT MATERIALS AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL CONTACT FEDERAL, STATE OR LOCAL AUTHORITIES FOR APPROVED DISPOSAL PROCEDURES.

**WASTE DISPOSAL METHOD:** WHEN USED PROPERLY AEROSOL PRODUCTS DO NOT GENERATE HAZARDOUS WASTE. EMPTY DE-PRESSURIZED CONTAINERS CAN NOT BE REUSED AND SHOULD BE WRAPPED AND PUT IN A PERMITTED WASTE MANAGEMENT FACILITY. CONSULT FEDERAL, STATE, AND LOCAL DISPOSAL AUTHORITIES FOR APPROVED PROCEDURES.

## VIII - SPECIAL PROTECTION INFORMATION

**VENTILATION:** PROVIDE SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV (S).

**RESPIRATORY PROTECTION:** APPROVED ORGANIC TYPE RESPIRATOR ACCEPTABLE IF CONCENTRATION IS 350-1000 PPM.

**PROTECTIVE GLOVES:** NEOPRENE, NITRILE RUBBER OR POLYVINYL CHLORIDE

**EYE PROTECTION:** CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS

**OTHER PROTECTIVE EQUIPMENT:**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** DO NOT STORE AT TEMPERATURES ABOVE 120°F

**OTHER PRECAUTIONS:** DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

**WORK/HYGIENIC PRACTICES :** WASH HANDS BEFORE EATING

REVISION DATE: January 05, 2005

Prepared By:

DATE OF ISSUE: January 05, 2005

This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Chemco Industries assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material such vendees or users assume all risks associated with the use of this material.