

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888
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I-PRODUCT IDENTIFICATION

SEAL IT

PRODUCT CODE: #209A

CHEMICAL FORMULATION: RUBBERIZED FLEXIBLE COATING FOR ROOF & AUTOMOBILES

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: FLAMMABILITY: REACTIVITY:

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

II-HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	ACGIH TLV	OSHA PEL/TWA	OTHER RECOMMENDED LIMITS	% OPTIONAL
1,1,1, TRICHLOROETHANE	71-55-6	350	350		20-25%
OXYGENATED HYDROCARBON	N/D	N/D	N/D		30-40%

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) (40CFR 372).

III-PHYSICAL DATA

BOILING POINT (°F): 170°F MELTING POINT: N/A
VAPOR PRESURE (mm Hg)Psig: 55 SPECIFIC GRAVITY (WATER=1): 1.09
VAPOR DENSITY (AIR=1): N/D VOLITILE BY VOLUME: >80%
SOLUBILITY IN WATER: NEGLIGIBLE EVAPORATION RATE (Butyl Acetate=1):
pH:

APPEARANCE AND ODOR: BLACK LIQUID WITH SOLVENT ODOR

IV-FIRE AND EXPLOSION HAZARD

FLASH POINT (°F): NONE

FLAMMABLE LIMITS: EXTREMELY FLAMMABLE SPRAY

EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE

SPECIAL FIRE FIGHTING PROCEDURES: KEEP CONTAINER 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 KNOWN

VI-HEALTH AND HAZARD DATA

ROUTES OF ENTRY: INHALATION: SKIN: INGESTION:
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 1000PPM; DIZZINESS, DROWSINESS AND THROAT IRRITATION AT LEVELS ABOVE 1000PPM. 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 LID. 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: 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 350-1000PPM

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

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Prepared By:

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