

MATERIAL SAFETY DATA SHEET

MANUFACTURER'S NAME:

Performance Polymers, Inc.
6601 Rockbrook
St. Louis, MO 63133

EMERGENCY TELEPHONE NO:

CHEMTREC
800-424-9300

INFORMATION TELEPHONE NO:
800-579-8459 314-382-1810

DATE PREPARED: 03/11/2014

SECTION I -- PRODUCT IDENTIFICATION

PRODUCT NUMBER: *Speed Cure 2-OX* HMIS RATINGS: H F R PP
PRODUCT NAME: *Speed Cure 2-OX* 2 0 0 G
PRODUCT CLASS: Organotin Solution in Chlorinated Solvent

SECTION II -- HAZARDOUS INGREDIENTS

INGREDIENT	CAS NUMBER	WEIGHT PERCENT	ACGIH TWA/STEL OCCUPATIONAL EXPOSURE LIMIT
* p-Chlorobenzotrifluoride (PCBTF)	763-69-9	63-64	150 PPM
Acetone	67-64-1	34-35	750 PPM
Dibutyltin Dilaurate	77-58-7	2.0	.1 mg/m3
* See Section XI			

SECTION III -- PHYSICAL DATA

V.O.C.: 23 grams/liter VAPOR DENSITY: Heavier than Air
EVAPORATION RATE: .09 vs. Ether 1.0 % VOLATILE VOLUME: 97%
WT/GAL: 8.9 lbs. SOLUBILITY: .015% in water

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: Flammable Liquid

FLASH POINT: -4°F (TCC) (Acetone) N.E. for Product LEL: N.E. UEL: N.E.

EXTINGUISHING MEDIA:

Dry chemical, CO2, water for fires involving Perchloroethylene

UNUSUAL FIRE AND EXPLOSION HAZARDS:

PERCHLORETHYLENE INVOLVED IN FIRES CAN DECOMPOSE TO HCL & TRACES OF PHOSGENE.

SPECIAL FIREFIGHTING PROCEDURES:

PRESSURE-DEMAND SELF-CONTAINED BREATHING APPARATUS (EXPOS.HCL),
USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS/MIST IF ABOVE PEL/TLV OR SCBA
IN AN ENCLOSED AREA

SECTION V—HEALTH HAZARD DATA

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Inhalation: Solvent vapor or mist can cause headache, nausea and irritation of the nose, throat and lungs.

Skin Contact: Slightly irritating to skin.

Eye Contact: Severely irritating to eyes.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:

Asthma, respiratory tract irritation, dermatitis, nausea, vomiting.

PRIMARY ROUTE(S) OF ENTRY:

Skin Contact, Inhalation.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION.

EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET

MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF

IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION: DO NOT INDUCE VOMITING. GIVE NOTHING BY

MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

NOTES TO PHYSICIAN:

Chlorinated Hydrocarbons may sensitize the heart to epinephrine and other circulating catecholamines so that arrhythmias may occur. Careful consideration of this potential adverse effect should precede administration of epinephrine or other cardiac stimulants and the selection of bronchodilators.

SECTION VI—REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen Chloride, phosgene, chlorine.

CONDITIONS TO AVOID: AVOID OPEN FLAMES, HOT GLOWING SURFACES, ELECTRIC ARCS.

INCOMPATIBILITY (MATERIALS TO AVOID): FINELY DISPERSED LIGHT METALS ZINC.

SECTION VII—SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

COLLECT LEAKING LIQUID IN SEALABLE CONTAINERS, ABSORB SPILL IN SAND OR INERT ABSORBENT & REMOVE TO SAFE PLACE. IMMEDIATELY EVACUATE AREA & PROVIDE MAX. VENTILATION. ONLY PERSONNEL EQUIPPED W/ PROPER PROTECT. WILL BE ALLOWED IN AREA. FLUSH AREA W/ H₂O.

WASTE DISPOSAL METHOD:

CONSULT LOCAL AUTHORITIES ; DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION VIII---SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS/MIST IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA

VENTILATION: MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

PROTECTIVE GLOVES: NEOPRENE, NITRILE, VPC OR NATURAL RUBBER

EYE PROTECTION: SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

OTHER PROTECTIVE EQUIPMENT: EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

SECTION IX—SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

OTHER PRECAUTIONS: DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

INCOMPATIBLE MATERIALS FOR STORAGE OR TRANSPORT: Aluminum equipment should not be used for storage and/or transfer.

SECTION X—SHIPPING DATA

DOT DOMESTIC:

*Consumer Commodity ORM-D

UPS Shipping: Tetrachloroethylene 6.1 UN1897 III POISON PG III*

Refer to Applicable Exemption or Special Permit or 173.13

Max. Net Qty. per package: 25 L

DOT Exemption/Special Permit: Yes

SECTION XI—REGULATORY INFORMATION

This product may contain the following toxic chemicals subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. See Section II.

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>% by Weight</u>
127-18-4	Tetrachloroethylene	See Section II

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