

MATERIAL SAFETY DATA SHEET**HMIS SYMBOL**

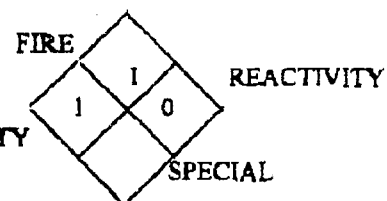
HEALTH 1
 FLAMMABILITY 1
 REACTIVITY 0

HMIS

SEVERE 4
 SERIOUS 3
 MODERATE 2
 SLIGHT 1
 MINIMAL 0

NEPA

EXTREME
 HIGH
 MODERATE
 SLIGHT
 INSIGNIFICANT

NFPA SYMBOL

MAY BE USED TO COMPLY WITH OSHA'S HAZARD
 COMMUNICATIONS STANDSRD (HSC) 29 CFR 1910.1200

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SECTION I - PRODUCT IDENTIFICATION

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Product name / Identity : SUPER POXEE 1 DP PART OF PROD. CODE 64015

WATSCO Product Code #: Part of product # 8405

Product use : Epoxy hardener - Catalytic agent

Chemical family : Mixture

Supplier name and address :

Manufacturer name and address:

WATSCO COMPONENTS INC.
 1600 West 4th Avenue
 Hialeah, Florida 33010
 Phone # : (305) 885-1911

Same as
 Supplier

Emergency Telephone Numbers, 24-hour : INFOTRAC 1-800-535-5053

WHMIS CLASS: D2B

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SECTION II - HAZARDOUS INGREDIENTS:

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Ingredients	CAS #	wt. %	LC50 ppm (Rat, inh.)	LD50 mg/kg (Rat, oral)
Mercapton terminated polymer	n/av	40	n/av	n/av
Silica amorphous	n/av	50	n/av	n/av
2,4,6 - Tri(dimethylamino methyl) phenol	90-72-2	10	n/av	1200

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SECTION III - PHYSICAL DATA

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Physical State : Semi-solid

Odor and appearance : Black paste, Mercaptan odor

Odor threshold : n/ap

Specific gravity : 1.5

Coefficient of water/oil distribution : n/av

Vapor pressure (mm Hg at 20°C) : <.01

Boiling point : 316°C

Freezing/Melting Point : n/av

pH : n/ap

Vapor density (Air = 1) : 9

Evaporation rate (BuAe = 1) : <.01

Volatiles, wt. % : n/av

Volatile Organic Compounds VOC: n/av

Solubility in water: Slight

SUPER POXEE 1

SECTION IV - FIRE AND EXPLOSION DATA

Conditions of flammability : Refer to flash point.

Means of extinction : Water spray, dry chemicals (Class B), alcohol foam, carbon dioxide

Sensitivity to mechanical impact/static discharge : n/av

Flash point (Method) : 157°C (315°F) (COC)

Upper flammable limit % : n/ap

Lower flammable limit % : n/ap

Auto-ignition temperature : n/ap

Special Fire Fighting Procedures: Cool container with water spray. Use self-contained breathing apparatus in confined areas.

Hazardous Combustion Products: Refer to "Hazardous Decomposition Products".

Unusual Fire and Explosion Hazards: Avoid heat, open flame and electric sparks. Toxic fumes may be given off.

SECTION V - REACTIVITY DATA

Stability : Stable under ambient pressure and temperature. Hazardous polymerization will not occur.

Incompatible materials : Strong oxidizing agents, epoxy resins, amine mixtures.

Conditions of reactivity : n/av

Hazardous decomposition products : Oxides of carbon, sulfur, and nitrogen, H₂S.

SECTION VI - TOXICOLOGICAL PROPERTIES

***** Routes of exposure and acute/chronic effects *****

Exposure limit : TLV-TWA Silica Amorphous 10mg/m³, Mercapton terminated polymer 5ppm (recommended by Rohm & Haas Guide TWA)

Irritancy of Product: Very slight to slight.

Inhalation : Harmful if inhaled.

Skin : May irritate skin.

Eyes : May irritate eyes on contact.

Ingestion : Harmful if swallowed.

Chronic effects : None known.

Carcinogenicity: None of the ingredients of this product is listed by IARC and ACGIH as carcinogenic.

Reproductive effects, Teratogenicity, Mutagenicity: n/av.

Sensitization to Product: None known.

Name of Toxicologically Synergistic Products: n/av

Medical Conditions Generally Aggravated by exposure: None.

SECTION VII FIRST AID

Inhalation : Remove to fresh air if breathing becomes difficult.

Eyes : Flush with clean water for at least 15 minutes. Seek medical attention if irritation persists.

Skin : Wash thoroughly with soap and water.

Ingestion : Do not induce vomiting. Seek medical attention immediately.

SUPER POLYMER 1

SECTION VIII - PREVENTIVE MEASURES

Spill, leak or release : Clean all spills thoroughly. For small amounts, solvents like acetone can be used. Scrape up and discard, then wash contaminated area thoroughly.

Waste disposal : Review federal, provincial and local government requirements prior to disposal. Containers should not be reused.

***** PROTECTIVE EQUIPMENT *****

Respiratory protection : NIOSH/MSHA respirator if necessary.

Ventilation : Local ventilation is sufficient. Vent cure ovens.

Protective gloves : Non-permeable.

Eye protection : Safety Goggles.

Other protective equipment : Apron to protect against skin and clothing contamination.

***** STORAGE & HANDLING *****

Storage and handling conditions :

Handling: Avoid contact with skin, eyes, and clothing. Avoid inhalation of vapors, particularly if heated. Keep containers closed when not in use. Keep away from incompatible materials.

Storage: Store in a cool, dry location. Store in original container.

Special Shipping Information: TDG - Not Regulated for Transport

Additional notes or references :

Abbreviations :

n/av : not available

n/ap : not applicable

IARC : International Agency for Research on Cancer

ACGIH : American Conference of Governmental Industrial Hygienists

TLV : Threshold Limit Values

NIOSH: National Institute of Occupational Safety and Health

STEL: Short Term Exposure Limit

TDG : Transportation of Dangerous Goods Act.

References :

1. ACGIH, Threshold Limit Values and Biological Exposure Indices for '93-94.
2. International Agency for Research on Cancer Monographs, Supplement 7, 1988.
3. Canadian Centre for Occupational Health and Safety. Cheminfo Database.
4. N. Irving Sax. Dangerous Properties of Industrial Materials. Seventh Edition.

SECTION IX PREPARATION INFORMATION

Prepared by : WATSCO COMPONENTS INC.

Telephone # : (305) 885-1911

Preparation date : October 25, 1994

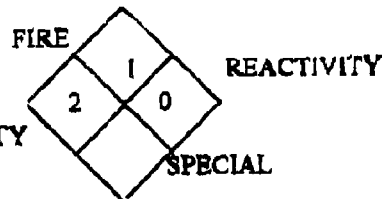
MATERIAL SAFETY DATA SHEET

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MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATIONS STANDARDS (HSC) 29 CFR 1910.1200

SECTION I - PRODUCT IDENTIFICATION

Product name / Identity : SUPER POXEE 2 DP-2 PART OF PROD. CODE 6405
WATSCO Product Code #: Part of product # 6405
Product use : Resin
Chemical family : Epoxy resin
Supplier name and address :

Manufacturer name and address:



Europark Oost 24
 B-9100 Sint-Niklaas, Belgium
 Tel : (32) 3 766 02 02
 Fax : (32) 3 766 10 67

Emergency Telephone Numbers, 24-hour : INFOTRAC 1-800-535-5053

WHMIS CLASS: D1B, D2A, D2B, F
 UN 2023 Class 6.1 POISON

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	wt. %	LC50 ppm (Rat, inh.)	LD50 mg/kg (Rat, oral)
Epichlorohydrin	106-89-8	50	n/av	90
Silica amorphous	n/av	50	n/av	n/av

SECTION III - PHYSICAL DATA

Physical State : Semi-solid
Odor and appearance : White paste, Minimal odor
Odor threshold : n/ap
Specific gravity : 1.45
Coefficient of water/oil distribution : n/av
Vapor pressure (mm Hg at 20°C) : n/av
Boiling point : n/av
Freezing/Melting Point : n/av
pH : n/ap
Vapor density (Air = 1) : n/av
Evaporation rate (BuAe = 1) : n/av
Volatiles, wt. % : n/av
Volatile Organic Compounds VOC : n/av
Solubility in water : Practically insoluble

SUPER POLEX 2

SECTION IV - FIRE AND EXPLOSION DATA

Conditions of flammability : Refer to flash point.
Means of extinction : CO₂, foam, dry chemicals (Class B)
Sensitivity to mechanical impact/static discharge : n/av
Flash point (Method) : 254°C (490°F) (TOC)
Upper flammable limit % : n/ap
Lower flammable limit % : n/ap
Auto-ignition temperature : n/ap
Special Fire Fighting Procedures: Water should be used to keep fire containers cool.
Hazardous Combustion Products: Refer to "Hazardous Decomposition Products".
Unusual Fire and Explosion Hazards: Avoid heat, open flame and electric sparks.

SECTION V - REACTIVITY DATA

Stability : Stable under ambient pressure and temperature.
Hazardous polymerization: May occur. Masses of over 1 pound of product plus an Aliphatic Amine will cause polymerization with considerable heat.
Incompatible materials : Strong acids, amines, mercaptans, bases.
Conditions of reactivity : Excessive heat over long periods of time.
Hazardous decomposition products : carbon dioxide, carbon monoxide.

SECTION VI - TOXICOLOGICAL PROPERTIES***** Routes of exposure and acute/chronic effects *****

Exposure limit : TLV-TWA Epichlorohydrin Skin 2ppm, 7.6 mg/m³ Silica Amorphous 10 mg/m³
Irritancy of Product: Inhalation, skin and eye contact, ingestion.
Inhalation : Harmful if inhaled. May cause chemical pneumonitis.
Skin : May irritate skin.
Eyes : May irritate eyes on contact.
Ingestion : Harmful or fatal if swallowed.
Chronic effects : Irritation of skin, eye, and mucous membrane. Dermatitis.
Carcinogenicity: Epichlorohydrin is listed by IARC as carcinogenic.
Reproductive effects, Teratogenicity, Mutagenicity: Mutagenic data on Epichlorohydrin.
Sensitization to Product: Skin.
Name of Toxicologically Synergistic Products: n/av
Medical Conditions Generally Aggravated by exposure: None.

SECTION VII FIRST AID

Inhalation : Remove to fresh air if breathing becomes difficult.
Eyes : Flush with clean water for at least 15 minutes. Seek medical attention if irritation persists.
Skin : Wash thoroughly with soap and water. Remove contaminated clothing.
Ingestion : Do not induce vomiting. Seek medical attention immediately.

SUPER POXEE 2

SECTION VIII - PREVENTIVE MEASURES

Spill, leak or release : Clean all spills thoroughly. For small amounts, solvents like MEK or Acetone can be used. Scrape up and discard, then wash contaminated area thoroughly.
Waste disposal : Review federal, provincial and local government requirements prior to disposal. Containers should not be reused.

***** PROTECTIVE EQUIPMENT *****

Respiratory protection : NIOSH/MSHA respirator if necessary.
Ventilation : Local ventilation is sufficient. Vent cure ovens.
Protective gloves : Non-permeable.
Eye protection : Safety Goggles.
Other protective equipment : Apron to protect against skin and clothing contamination.

***** STORAGE & HANDLING *****

Storage and handling conditions :
Handling: Avoid contact with skin, eyes, and clothing. Avoid inhalation of vapors, particularly if heated. Keep containers closed when not in use. Keep away from incompatible materials.
Storage: Store in a cool, dry location. Store in original container.
Special Shipping Information: TDG - Epichlorohydrin, solution UN2023, class 6.1(9.2), P.G.II.

Additional notes or references :**Abbreviations :**

n/av : not available

n/ap : not applicable

IARC : International Agency for Research on Cancer

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