

Wearcoat SG-3 Part B

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Wearcoat SG-3 Part B
Common Name: Epoxy Curing Agent
SDS Number: I181
Revision Date: 9/25/2020
Version: 1
Product Use: Floor Coating

Supplier Details: Coatings For Industry, Inc.
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2 HAZARDS IDENTIFICATION

Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Liquids, 3
Health, Acute toxicity, 3 Oral
Health, Skin corrosion/irritation, 1
Health, Serious Eye Damage/Eye Irritation, 1
Physical, Corrosive to Metals, 1
Health, Respiratory sensitization, 1
Health, Skin sensitization, 1 B

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H226 - Flammable liquid and vapor
H301 - Toxic if swallowed
H314 - Causes severe skin burns and eye damage
H318 - Causes serious eye damage
H290 - May be corrosive to metals
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
H317 - May cause an allergic skin reaction

GHS Precautionary Statements:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground and bond container and receiving equipment.
P241 - Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242 - Use non-sparking tools.
P243 - Take action to prevent static discharges.
P403 - Store in a well-ventilated place.
P235 - Keep cool.

- P370 + P378 - In case of fire: Use dry chemical, CO2, Halon, or foam to extinguish.
- P405 - Store locked up.
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264 - Wash hands thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
- P330 - Rinse mouth.
- P331 - Do NOT induce vomiting.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P363 - Wash contaminated clothing before reuse.
- P308 + P313 - IF exposed or concerned: Get medical advice/ attention.
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 - If eye irritation persists: Get medical advice/attention.
- P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P234 - Keep only in original packaging.
- P390 - Absorb spillage to prevent material damage.
- P406 - Store in a corrosion resistant/...container with a resistant inner liner.
- P501 - Dispose of contents/container in accordance with local, regional, and national regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

- Route of Entry:** Inhalation, skin and eye contact.
- Target Organs:** Prolonged or repeated exposure may cause injury or illness of the respiratory system (lungs).
- Inhalation:** Inhalation of vapor or aerosol may cause severe irritation to the respiratory tract (nose, throat, and lungs). Inhalation of vapors or aerosol may cause central nervous system depression with symptoms that include headache, nausea, impaired judgment, confusion, blurred vision, fatigue, loss of coordination, or dizziness.
May cause an allergic respiratory response in some susceptible individuals.
This response can range from mild wheezing to a severe asthmatic type attack.
- Skin Contact:** May cause moderate irritation. May cause allergic skin reactions and sensitization. Can cause redness, itching, and burning sensation. Causes skin irritation.
- Eye Contact:** Corrosive. Direct contact with eyes will cause severe burns and may cause permanent damage, including blindness. High vapor concentrations may be irritating.
- Ingestion:** Ingestion (swallowing) of this material may burn the mouth, throat, and stomach. If swallowed, call a poison control center or physician if you feel unwell.
Rinse mouth.

3	COMPOSITION/INFORMATION ON INGREDIENTS
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CAS#	Chemical Ingredients: % Chemical Name:
68953-36-6	11% Fatty acids, tall-oil, reaction products with tetraethylenepentamine
68298-14-6	4% 3,6,9,12-Tetraazaheneicosan-21-amide, 1-amino-N-[2-[[2-[[2-[(2-aminoethyl)amino]ethyl]amino]ethyl]amino]ethyl]-13-(1-hydroxynonyl)-
68082-29-1	58% Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine
107-98-2	19% 1-Methoxy-2-propanol

4	FIRST AID MEASURES
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Inhalation: If inhaled: Remove person to fresh air and keep comfortable for breathing.
Call a poison control center/get medical attention if you feel unwell.

Skin Contact: Wash the affected area thoroughly with plenty of water and soap. Remove contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if irritation develops.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.
Then remove contact lenses, if easily removeable, and continue irrigation for not less than 15 minutes.
If eye irritation persists: Get medical advice/attention.

Ingestion: DO NOT INDUCE VOMITING. CORROSIVE HAZARD. This material may cause further damage if vomiting is induced. Never give anything by mouth to an unconscious person. GET IMMEDIATE MEDICAL ATTENTION.

If irritation or other symptoms (as noted above) occur or persist from any route of exposure, remove the affected individual from the area: see a physician/get medical attention.

5	FIRE FIGHTING MEASURES
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Flash Point: 89F
Lower Explosive Limit: 6.0
Upper Explosive Limit: 13.8
Hazardous Combustion Products: Smoke, soot and carbon dioxide, carbon monoxide.

Extinguishing Media: Dry chemical, CO2, Halon, Foam

Firefighting Procedures:

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: High temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water spray. Vapors are heavier than air and can travel some distance away and flash back.

Sensitivity to Static Discharge: Material may accumulate a static charge which could act as an ignition source.

Precautions should be taken when pouring to minimize splash/free fall.

6	ACCIDENTAL RELEASE MEASURES
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Containment Techniques

Contain spill.

Clean-Up Techniques

Wear proper personal protective clothing and equipment.

Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.

Beware of vapors accumulating to form explosive concentrations.

Vapors can accumulate in low areas.

Do not flush liquid into public sewer, water systems or surface waters.

Soak up large spill residue and small spills with an inert non-combustible absorbent. Place into labeled, closed container; store in safe location to await disposal. Wash the spill area with soap and water. Dispose of in accordance with national and local regulations.

Change contaminated clothing and launder before reuse.

CAUTION: Spilled liquid and dried film may be slippery. Use care to avoid falls.

7	HANDLING AND STORAGE
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Handling Precautions: Keep away from heat, sparks, open flames, hot surfaces. NO SMOKING. Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/processing equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wear protective gloves/eye protection/face protection.

Storage Requirements: Prevent unauthorized access.
Store in a well ventilated place.
Keep container tightly closed.
Keep cool.

Engineering Controls: Always provide effective general and, when necessary, local exhaust ventilation to draw spray, aerosol, fume, mist and vapor away from workers to prevent routine inhalation. Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the MSDS. Ventilation guidelines/techniques may be found in publications such as Industrial Ventilation: American Conference of Governmental Industrial Hygienists, 1330 Kemper Meadow Drive, Cincinnati, OH, 45240 1634, USA.

Personal Protective Equipment:

Eye/Face Protection:

Wear eye protection (chemical goggles or goggles and an 8-inch (minimum) full face shield where spilling and splashing may occur).

Skin Protection:

Wear chemical resistant (impervious) gloves. If splashing is likely, wear impervious clothing and boots to prevent skin contact.

Respiratory Protection:

Wear a respirator approved by NIOSH/MSHA (e.g., an organic vapor respirator, a full face air purifying respirator for organic vapors, or a self contained breathing apparatus) whenever exposure to aerosol, mist, spray, fume or vapor exceed the exposure limit(s) of any chemical substance listed in this MSDS.

Use respirator in accordance with manufacturer's use limitations and OSHA standard 1910.134 (29CFR).

Components with workplace control parameters

1-Methoxy-2-propanol (107-98-2)

TWA 100 ppm USA. ACGIH Threshold Limit Values (TLV)
Central Nervous System impairment
Eye irritation

STEL 150 ppm USA. ACGIH Threshold Limit Values (TLV)
Central Nervous System impairment
Eye irritation

TWA 100 ppm USA. OSHA - TABLE Z-1 Limits for
360 mg/m³ Air Contaminants - 1910.1000

STEL 150 ppm USA. OSHA - TABLE Z-1 Limits for
540 mg/m³ Air Contaminants - 1910.1000

TWA 100 ppm USA. NIOSH Recommended
360 mg/m³ Exposure Limits

ST 150 ppm USA. NIOSH Recommended
540 mg/m³ Exposure Limits

Physical State:	Liquid	Odor:	Mild amine
Specific Gravity or Density:	0.964	Solubility:	Negligible in water.
Boiling Point:	248 F	Vapor Density:	Heavier than air.
		Volatile organic compound:	Coating Volatile organic compound: 1.69lb/gl, Material Volatile organic compound: 1.56 lb/gl.

Chemical Stability:	This product is stable.
Conditions to Avoid Identification:	Contamination by those materials referred to under incompatibility.
Materials to Avoid Identification:	Strong oxidizers, acids, bases, and epoxy resins under uncontrolled conditions.
Hazardous Decomposition:	Decomposition or combustion may generate irritating vapors, CO, CO ₂ , and volatile amines.
Hazardous Polymerization:	Hazardous polymerization will not occur.

Eye Irritation/Damage:

Components 68953-36-6 & 68298-14-6: Serious eye damage, Category 1

Skin Irritation/Damage:

Components 68953-36-6 & 68298-14-6: LD50: 1700 mg/kg, rat. Category 4
Extremely corrosive to skin, Category 1B

Acute Oral Toxicity:

Components 68953-36-6 & 68298-14-6: LD50: 1200-1600, rat. Category 4.
Component 107-98-2: LD50: 7200 mg/kg, rat. Category 5

Acute Inhalation Toxicity:

Components 68953-36-6 & 68298-14-6: No data
Component 107-98-2: LC50: rat - 5 h - 10000 ppm

Respiratory/Skin Sensitization:

Components 68953-36-6 & 68298-14-6:
May cause skin sensitization and/or respiratory sensitization, RESULTING IN ALLERGIC RESPIRATORY REACTIONS INCLUDING WHEEZING, SHORTNESS OF BREATH AND DIFFICULTY BREATHING.

Carcinogenicity:

Components 68953-36-6 & 68298-14-6: Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH
Component 107-98-2: Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH.

Reproductive Toxicity:

Components 68953-36-6 & 68298-14-6: No data.
Component 107-98-2: No data

Germ Cell Mutagenicity:

Components 68953-36-6 & 68298-14-6: No data
Component 107-98-2: No data

Aspiration Toxicity:

Components 68953-36-6 & 68298-14-6: Not classified as an Aspiration Hazard.
Component 107-98-2: Not classified as an Aspiration Hazard.

STOT-single exposure

Components 68953-36-6 & 68298-14-6: No data
Component 107-98-2: No data

STOT-repeated exposure

Components 68953-36-6 & 68298-14-6: No data
Component 107-98-2: No data

Routes of Exposure:

Inhalation of vapors, skin/eye/mucous membrane absorption, ingestion.

Environmental Toxicity:

Components 68953-36-6 & 68298-14-6: No data
 Component 107-98-2: No data

Persistence & degradability:

Components 68953-36-6 & 68298-14-6: No data
 Component 107-98-2: No data

Bioaccumulative potential:

Components 68953-36-6 & 68298-14-6: No data
 Component 107-98-2: No data

Mobility in soil:

Components 68953-36-6 & 68298-14-6: No data
 Component 107-98-2: No data

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

Liquids can not be disposed of in a landfill.

Contaminated packaging: Dispose of as unused product.

UN1263, Paint, 3, PG III

Domestic (Land, DOT), International (Water, IMO/IMDG), International (Air, ICAO)

Road and Rail (ADR/RID), Air (ICAO/IATA), Vessel (IMO/IMDG):

DOT (USA) Shipping Name: Paint Related Material

UN/NA ID No: UN1263

Hazard Class: Class 3 (IATA/49CFR)

Packing Group: III

Environmental Hazards:

INFORMATION NOT AVAILABLE.

Marine Pollutant:

Components of this product do not appear on the list of Marine Pollutants (49CFR 172.101)

[%] RQ (CAS#) Substance - Reg Codes

[11%] Fatty acids, tall-oil, reaction products with tetraethylenepentamine (68953-36-6) TSCA

[4%] 3,6,9,12-Tetraazaheneicosan-21-amide, 1-amino-N-[2-[[2-[[2-((2-aminoethyl)amino)ethyl]amino]ethyl]amino]ethyl]-13-(1-hydroxyonyl)- (68298-14-6) TSCA

[58%] Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine (68082-29-1) TSCA

[19%] 1-Methoxy-2-propanol (107-98-2) HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level

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OTHER INFORMATION

NOTICE: This information is presented in good faith and believed to be accurate as of the effective date below. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Coatings For Industry, Inc. assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material. Regulatory requirements are subject to change and may differ from one location to another: it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The preceding specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.

Revision Date: 9/25/2020