

Aalseal 590 Part A

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| 1 | PRODUCT AND COMPANY IDENTIFICATION |
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Product Identifier: Aalseal 590 Part A
Common Name: Teflon Dispersion
SDS Number: A57
Revision Date: 6/12/2015
Version: 1
Supplier Details: Coatings For Industry, Inc.
 319 Township Line Road
 Souderton, PA 18964

Emergency: Infotrac
Contact: USA: 1-800-535-5053 / International :352-323-3500
Phone: 215-723-0919
Fax: 215-723-0911
Email: cs@cficoatings.com
Web: www.cficoatings.com

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| 2 | HAZARDS IDENTIFICATION |
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Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):
 Health, Serious Eye Damage/Eye Irritation, 1
 Health, Skin corrosion/irritation, 3

GHS Label elements, including precautionary statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H318 - Causes serious eye damage
 H316 - Causes mild skin irritation

GHS Precautionary Statements:

P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

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| 3 | COMPOSITION/INFORMATION OF INGREDIENTS |
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Ingredients:

| Cas# | % | Chemical Name |
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| 9002-84-0 | 40-60% | Polytetrafluoroethylene |
| 7732-18-5 | 40-60% | Water |

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4 FIRST AID MEASURES

- Inhalation:** If inhaled, remove to fresh air. Give oxygen or artificial respiration if needed. If you feel unwell, get medical attention.
- Skin Contact:** Remove contaminated clothing and footwear immediately, and wash before reuse. Discard clothing and footwear which cannot be decontaminated.
Promptly flush skin with water until all chemical is removed.
Get medical attention if needed.
- 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. Get immediate medical attention.
- Ingestion:** Rinse mouth with water. Get prompt, qualified medical attention.

5 FIRE FIGHTING MEASURES**Suitable extinguishing media**

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

Special hazards arising from the substance or mixture

Exposure to extreme heat can give rise to thermal decomposition.

Special protective actions for fire-fighters

When fire fighting conditions are severe and total thermal decomposition of the product is possible, wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

6 ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Evacuate area. Ventilate the area with fresh air. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible.

7 HANDLING AND STORAGE

- Handling Precautions:** Avoid breathing of vapors created during cure cycle. Do not breathe thermal decomposition products. Avoid skin contact with hot material. For industrial or professional use only. Store work clothes separately from other clothing, food and tobacco products. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. No smoking: Smoking while using this product

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Storage Requirements: can result in contamination of the tobacco and/or smoke and lead to the formation of hazardous decomposition products.
Protect form freezing.

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| 8 | EXPOSURE CONTROLS/PERSONAL PROTECTION |
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Engineering Controls: Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment. Provide appropriate local exhaust when product is heated. For those situations where the material might be exposed to extreme overheating due to misuse or equipment failure, use with appropriate local exhaust ventilation sufficient to maintain levels of thermal decomposition products below their exposure guidelines.

Personal Protective Equipment: Eye/face protection
Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:
Full Face Shield
Indirect Vented Goggles

Skin/hand protection
No chemical protective gloves are required.

Respiratory protection
During heating:
Use a positive pressure supplied-air respirator if there is a potential for over exposure from an uncontrolled release, exposure levels are not known, or under any other circumstances where air-purifying respirators may not provide adequate protection.
An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:
Full facepiece supplied-air respirator
For questions about suitability for a specific application, consult with your respirator manufacturer.

Polytetrafluoroethylene (9002-84-0) [40-60%] :
Chemical Manufactureers Recommended Guidelines: 5mg.m3 TWA(as respirable Dust)
10mg/m3TWA(as total dust)

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| 9 | PHYSICAL AND CHEMICAL PROPERTIES |
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| Appearance: | milky white | Odor: | mild |
| Physical State: | Liquid | Freezing/Melting Pt.: | 0 deg C (32 deg F) |
| Spec Grav./Density: | 1.32 | | |
| Boiling Point: | 100 deg C (212 degF) | | |

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STABILITY AND REACTIVITY

Conditions to Avoid: None Known
Materials to Avoid: None Known
Hazardous Decomposition: Carbonyl Fluoride At Elevated Temperatures - above 380 C
Carbon monoxide At Elevated Temperatures - above 380 C
Carbon dioxide At Elevated Temperatures - above 380 C
Hydrogen Fluoride At Elevated Temperatures - above 380 C
Ammonia At Elevated Temperatures - above 380 C
Perfluoroisobutylene (PFIB) At Elevated Temperatures - above 380 C
Toxic Vapor, Gas, Particulate At Elevated Temperatures - above 380 C

If the product is exposed to extreme condition of heat from misuse or equipment failure, toxic decomposition products that include hydrogen fluoride and perfluoroisobutylene can occur.

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TOXICOLOGICAL INFORMATION

Polytetrafluoroethylene (9002-84-0) [40-60%]

Information on toxicological effects

Acute toxicity:

Oral LD50 no data available

Inhalation LC50 no data available

Dermal LD50 no data available

Other information on acute toxicity

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: Eyes: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Ethene, 1,1,2,2-tetrafluoro-, homopolymer)

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System): no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System): no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: Not available

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| 12 | ECOLOGICAL INFORMATION |
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Polytetrafluoroethylene (9002-84-0) [40-60%]

Information on ecological effects

- Toxicity: no data available
- Persistence and degradability: no data available
- Bioaccumulative potential: no data available
- Mobility in soil: no data available
- PBT and vPvB assessment: no data available
- Other adverse effects: no data available

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| 13 | DISPOSAL CONSIDERATIONS |
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Dispose of contents/ container in accordance with the local/regional/national/international regulations.
 Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Combustion products will include halogen acid (HCl/HF/HBr). Facility must be capable of handling halogenated materials. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

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| 14 | TRANSPORT INFORMATION |
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Non-hazardous for air, sea and road freight.

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| 15 | REGULATORY INFORMATION |
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Component (CAS#) [%] - CODES

 Polytetrafluoroethylene (9002-84-0) [40-60%] PA, TSCA

Water (7732-18-5) [40-60%] TSCA

Regulatory CODE Descriptions

 PA = PA Right-To-Know List of Hazardous Substances
 TSCA = Toxic Substances Control Act

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| 16 | OTHER INFORMATION |
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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.