

Issue date 03—Feb-2017

Date prepared 03-Feb-2017

Version 1

1. Identification of the Substance/Preparation and of the Company/Undertaking

- (a) Product name Anti-corrosion material
Product identifier P-306
- (b) Other means of identification
Product Code P627-00005
- (c) Recommended Use Building and construction work
 Industrial use
- (d) Supplier Address Nitto, Inc.
 1990 Rutgers University Blvd. Lakewood, NJ08701, U.S.A.
 TEL.+1-732-901-7905 FAX.+1-732-901-9354
- Emergency telephone number +1-732-901-7905 (Nitto, Inc.)

2. Hazards Identification

- (a) GHS - Classification Not applicable for article
- (b) Label elements Not Applicable
- Physical state Solid
- Odor Slight
- Precautionary statements
- Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- Ingestion IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
 Rinse mouth
- (c) Other Hazards Toxic to aquatic life with long lasting effects Toxic to aquatic life
- (d) Numerical measures of toxicity (such as acute toxicity estimates) 93.00% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/information on Ingredients

Product Classification Article Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

<u>Chemical name</u>	<u>CAS No</u>	<u>Concentration or concentration ranges</u>
Polyvinyl chloride	9002-86-2	80-90
SBR	-	1-10
Antimony oxide (Sb ₂ O ₃)	1309-64-4	1-5
Diisononyl phthalate	28553-12-0	<3
Carbon black	1333-86-4	<3

The exact percentage (concentration) of composition has been withheld as a trade secret

4. First aid measures

- (a) General information
- If inhaled Will not occur
- Eye contact Immediately flush with large amounts of water for at least 15 minutes. Examination and treatment by a physician if necessary
- Skin contact Wash off immediately with soap and plenty of water
 In the case of skin irritation or allergic reactions see a physician
- Ingestion Immediately induce vomiting and then consult a doctor
- (b) Most important symptoms/effects, acute and delayed No information available
- (c) Self-protection of the first aider Ensure that medical personnel are aware of the material(s) involved and take precautions to protect

Note to physicians

themselves
No information available

5. Fire-fighting measures

- (a) Fire extinguishing agent Dry chemical, CO2, water spray or regular foam
Prohibited media No information available
- (b) Special exposure hazards in a fire No information available
Hazardous combustion products No information available
Explosion data No information available
Sensitivity to Mechanical Impact No information available
Sensitivity to Static Discharge No information available
- (c) Special protective equipment and precautions for firefighters In the event of fire, wear self-contained breathing apparatus
 Use personal protective equipment as required

6. Accidental release measures

- (a) Personal Precautions Use personal protective equipment as required
Protective equipment and emergency procedures Protective gloves and safety glasses recommended
- (b) Environmental precautions Prevent product from entering drains
 Keep out of waterways
 Dike to collect large liquid spills
 Should not be released into the environment
- (c) Methods and material for containment and cleaning up

7. Handling and Storage

- (a) Precautions for safe handling Protective gloves and safety glasses recommended
 (b) Storage conditions Store at room temperature and normal humidity away from direct sunlight

8. Exposure Controls/Personal Protection

- (a) Control parameters None under normal use conditions
Other information No information available
- (b) Appropriate engineering controls No information available
- (c) Personal protective equipment [PPE]
Respiratory Protection None under normal use conditions
Hand protection Wear non-permeable gloves
Skin protection Wear protective gloves and protective clothing

9. Physical and Chemical Properties**9.1 Information on basic physical and chemical properties**

- (a) Physical state Solid
 (b) Color black
 (c) Odor Slight
 (d) pH No data available
 (e) Melting point / Freezing point No information available
 (f) Boiling point / boiling range Not Applicable
boiling point Not Applicable
 (g) Flash Point No data available
 (h) Evaporation rate No data available
 (i) Flammability (solid, gas) Non-flammable solid
 (j) Upper/lower flammability or explosive limits
Upper Not Applicable
Lower Not Applicable
 (k) vapor pressure Not Applicable
 (l) Vapor density Not Applicable
 (m) Specific gravity No data available

<u>(n) Solubility</u>	Insoluble in water
<u>(o) Partition Coefficient</u>	No data available
<u>(p) Autoignition temperature</u>	No data available
<u>(q) decomposition temperature</u>	No data available
<u>(r) Kinematic viscosity</u>	No data available
<u>(s) molecular weight</u>	No data available

10. Stability and Reactivity

<u>(a) Reactivity</u>	Stable under normal conditions
<u>(b) Chemical stability</u>	Stable under normal conditions
<u>(c) Possibility of hazardous reactions</u>	No data available
<u>(d) Conditions to avoid</u>	No information available
<u>(e) Incompatible materials</u>	No information available
<u>(f) Hazardous decomposition products</u>	No information available

11. Toxicological Information

<u>(a) Information on likely routes of exposure</u>	
<u>Inhalation</u>	No information available
<u>Ingestion</u>	Not Applicable
<u>Skin contact</u>	No information available
<u>Eye contact</u>	No information available
<u>(b) Most important symptoms/effects, acute and delayed</u>	No information available
<u>(c) Delayed and immediate effects and also chronic effects from short- and long-term exposure</u>	
<u>Acute Toxicity</u>	No information available
<u>Skin corrosion/irritation</u>	No information available
<u>Serious eye damage/eye irritation</u>	No information available
<u>Respiratory sensitization</u>	No information available
<u>Germ cell mutagenicity</u>	No data available on finished product
<u>Reproductive Toxicity</u>	No data available on finished product
<u>Specification target internal organs/systemic toxicity (single exposure)</u>	No data available on finished product
<u>Specification target internal organs/systemic toxicity (repeat exposure)</u>	No data available on finished product
<u>Aspiration hazard</u>	Not Applicable
<u>(d) Unknown Acute Toxicity</u>	100.00 % of the mixture consists of ingredients not classified
<u>(e) Carcinogenicity</u>	The table below indicates whether each agency has listed any ingredient as a carcinogen

12. Ecological Information

<u>(a) Ecotoxicity</u>	No data available on finished product
<u>(b) Mobility in soil</u>	No data available on finished product
<u>(c) Persistence and degradability</u>	No data available on finished product
<u>(d) Bioaccumulation</u>	No data available on finished product
<u>(e) Other adverse effects</u>	
<u>Ozone depletion potential (ODP)</u>	Stable under normal conditions

13. Disposal Considerations

Waste treatment methods

Disposal of wastes

Dispose of in accordance with federal, state and local regulations. The Customer is responsible for the proper disposal of any waste generated as a result of the use of the Product or of the Product itself, and is responsible for complying with all applicable laws, rules and regulations relating to the management, storage, treatment, shipment and disposal of such waste or Product ("Waste Management Practices"). "Product" includes anything sold by Nitto Denko Corporation and/or any affiliates or subsidiaries ("Company") to Customer. The Company is not responsible for any of the Customer's Waste Management Practices. As part of those practices, Customer must separate packaging from Product before disposal. Further, Customer should review and comply with this SDS prior to any such disposal.

Contaminated packaging
Disposal considerations

Customer shall hold harmless the Company, its agents, contractors, successors and assigns from any and all liability, claims, loss, damage, death or injury, including reasonable attorney's fees and costs, arising out of or relating to Customer's Waste Management Practices
 See Disposal of Wastes
 See Disposal of Wastes

14. Transport Information

DOT(U.S. Department of Transportation) (HMTA) Not regulated
UN number Not Applicable
UN Proper Shipping Name Not regulated
Transport hazard class Not Applicable
Packing group, if applicable Not Applicable
Environmental hazards (Applicable/Not applicable) Not Applicable
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not Applicable
Special precautions in connection with transport or conveyance Store in a cool area away from heat
TDG Not regulated
MEX(Transport is specifically for Mexico) Not regulated
ICAO (air) Not regulated
IATA Not regulated
IMDG Not regulated
UN number Not Applicable
UN Proper Shipping Name Not regulated
Transport hazard class Not Applicable
Special precautions in connection with transport or conveyance Store in a cool area away from heat
RID (Regulations concerning the International Carriage of Dangerous Goods by Rail) Not regulated
ADR (European Agreement concerning International Carriage of Dangerous Goods by Road) Not regulated
ADN Technical Name Not regulated

15. Regulatory information

US Federal Regulations

CWA (Clean Water Act): This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

<u>Chemical name</u>	<u>CWA - Reportable Quantities</u>	<u>CWA - Toxic Pollutants</u>	<u>CWA - Priority Pollutants</u>	<u>CWA - Hazardous Substances</u>
Antimony oxide (Sb2O3) 1309-64-4	1000 lb	X	-	X
Diisononyl phthalate 28553-12-0	-	X	-	-

CERCLA This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

<u>Chemical name</u>	<u>Hazardous Substances RQs</u>	<u>CERCLA/SARA RQ</u>	<u>Reportable Quantity (RQ)</u>
Antimony oxide (Sb2O3) 1309-64-4	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations Not Applicable
California Proposition 65 This product contains the following Proposition 65 chemicals

<u>Chemical name</u>	<u>California Proposition 65</u>
Antimony oxide (Sb2O3) 1309-64-4	WARNING: This product contains a chemical known to the state of California to cause cancer. Carcinogen
Diisononyl phthalate 28553-12-0	WARNING: This product contains a chemical known to the state of California to cause cancer. Carcinogen

* This product will not contain compounds in particulate (respirable) form under normal conditions.
 The following statement is provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (CALIFORNIA PROPOSITION 65):

WARNING: This product contains a chemical known to the state of California to cause cancer.
 THIS PRODUCT CONTAINS A CHEMICAL THAT HAS BEEN LISTED PURSUANT TO PROPOSITION 65, CALIFORNIA HEALTH & SAFETY CODE SECTION 25249.8. EMPLOYERS MAY HAVE OBLIGATION TO WARN THEIR EMPLOYEES AND OTHER ON THEIR PREMISES OF POTENTIAL EXPOSURE TO PROPOSITION 65 LISTED SUBSTANCES. IF THIS PRODUCT IS SOLD OR USED IN OR INCORPORATED INTO A PRODUCT SOLD IN CALIFORNIA, CALIFORNIA LAW MAY REQUIRE THAT THE MANUFACTURER, DISTRIBUTOR AND RETAILER OF THE PRODUCT PROVIDE A WARNING PURSUANT TO PROPOSITION 65, CALIFORNIA HEALTH & SAFETY CODE SECTION 25249.6. FAILURE TO PROVIDE REQUIRED WARNING MAY RESULT IN LEGAL LIABILITY. THIS PRODUCT MAY NOT BE DISCHARGED ONTO LAND OR INTO ANY SOURCE OF DRINKING WATER IN CALIFORNIA.

U.S. State Right-to-Know Regulations : Not Applicable

REACH 7 Article 33 Article SVHC notification (> 0.1 wt. %) None based on the current SVHC listing, as of the date of this SDS.

16. Other information

NFPA	Health Hazards 0	Flammability 0	Instability: 0	Physical and Chemical Properties -
HMIS	Health Hazards 0	Flammability 0	Physical Hazards 0	Personal protective equipment X

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Version 1
(Revision history) 2
Source Information Raw material SDS
 LOLI(Chem ADVISOR) GHS classification data

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End of Safety Data Sheet