

# SAFETY DATA SHEET



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Version 2.02

## Section 1. Identification

**Product name** : 4180N-2363 FAST DRY 4180N MEDIUM GRAY PRIMER

**Product code** : 00423022

**Other means of identification** : Not available.

**Product type** : Liquid.

### Relevant identified uses of the substance or mixture and uses advised against

**Product use** : Consumer applications, Professional applications, Used by spraying.

**Use of the substance/ mixture** : Coating.

**Uses advised against** : Not applicable.

**Manufacturer** : The Pittsburgh Paints Co.  
500 Cranberry Woods Drive,  
Cranberry Township, PA 16066

**Emergency telephone number** : 1-833-477-1553 (U.S. and Canada)  
SETIQ Interior de la República: 800-00-214-00 (México)

**Technical Phone Number** : 1-800-441-9695 (U.S. and México)  
1-800-387-2253 (Canada)

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 2  
SKIN IRRITATION - Category 2  
CARCINOGENICITY - Category 1B  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1  
Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 14.5% (oral), 77.3% (dermal), 26.7% (inhalation)

### GHS label elements

**Hazard pictograms** :



**Signal word** : Danger

## Section 2. Hazards identification

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard statements</b>                | : Highly flammable liquid and vapor.<br>Causes skin irritation.<br>May cause cancer.<br>Causes damage to organs through prolonged or repeated exposure. (central nervous system (CNS))                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b><u>Precautionary statements</u></b>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Prevention</b>                       | : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.                                                                                                                                                                                                                                           |
| <b>Response</b>                         | : IF exposed or concerned: Get medical advice or attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs: Get medical advice or attention.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage</b>                          | : Store locked up.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Disposal</b>                         | : Dispose of contents and container in accordance with all local, regional, national and international regulations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Supplemental label elements</b>      | : Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Avoid contact with skin and clothing. Wash thoroughly after handling. Emits toxic fumes when heated. DANGER - RAGS, STEEL WOOL OR WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER EACH USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER. |
| <b>Hazards not otherwise classified</b> | : Prolonged or repeated contact may dry skin and cause irritation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Section 3. Composition/information on ingredients

|                                      |                  |
|--------------------------------------|------------------|
| <b>Substance/mixture</b>             | : Mixture        |
| <b>Other means of identification</b> | : Not available. |

| <b>Ingredient name</b>                    | <b>Synonyms</b>                                                                                                                                                                                                                                                                     | <b>%</b>  | <b>CAS number</b> |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------|
| Limestone                                 | Calcium carbonate; Marble; calcite; MARBLE DUST; VALERITE; GROUND LIMESTONE; LIMESTONE FLOUR; LIMESTONE, GROUND; Agstone; CALCIUM CARBONATE (MARBLE)                                                                                                                                | ≥30 - ≤60 | 1317-65-3         |
| Solvent naphtha (petroleum), light aliph. | Low boiling point naphtha; Solvent naphtha, petroleum, light aliphatic; Aliphatic naphtha; SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC; Solvent naphtha light aliphatic; solution consisting of: — 50 (± 2) % by weight sodium mentholate (CAS RN 19321-38-1), and — 50 (± 2) % by | ≥10 - ≤30 | 64742-89-8        |

### Section 3. Composition/information on ingredients

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |            |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|
|                                             | weight light aliphatic solvent naphtha (petroleum) (CAS RN 64742-89-8); sodium mentholate 50 % solution in light aliphatic solvent naphtha (petroleum); Solvent naphtha, petroleum, light aliph.; NAPHTHA, LIGHT ALIPHATIC SOLVENT; NAPHTHA, PETROLEUM, LIGHT ALIPHATIC; PETROLEUM NAPHTHA, PARAFFINS & NAPHTHENES                                                                                                                                         |             |            |
| Talc , not containing asbestiform fibres    | Talc; magnesium silicate monohydrate (talc) not containing asbestiform fibres                                                                                                                                                                                                                                                                                                                                                                              | ≥5 - ≤10    | 14807-96-6 |
| Stoddard solvent                            | Low boiling point naphtha - unspecified; Low aromatic hydrocarbon solvents - medium flashpoint.; Spotting naphtha; Petroleum solvent; Mineral spirits; Dry cleaning safety solvent; Petroleum distillates; White spirits; Stoddard solvent.; White Spirit                                                                                                                                                                                                  | ≥1 - ≤5     | 8052-41-3  |
| titanium dioxide                            | Titanium oxide; Titanium oxide (TiO <sub>2</sub> ); CI 77891; Titanium peroxide; Rutile; C.I. Pigment White 6; titanium dioxide, other than those of heading 3206 11 00; C.I. 77891; E 171; titanium(IV) oxide, other than those of heading 3206 11 00                                                                                                                                                                                                     | ≥1 - ≤5     | 13463-67-7 |
| Solvent naphtha (petroleum), light aromatic | Low boiling point naphtha - unspecified; Solvent naphtha (petroleum), light arom; Solvent naphtha, petroleum, light aromatic; Aromatic hydrocarbon solvents - medium flashpoint; Light aromatic solvent naphtha; Solvent naphtha, light aromatic; Solvent naphtha (petroleum), light aromatic; Light aromatic solvent naphtha (petroleum) (C8 to C10); Solvent naphtha, petroleum, light arom.; AROMATIC PETROLUUM DISTILLATE; SOLVENT, AROMATIC PETROLEUM | ≥0.5 - ≤1.5 | 64742-95-6 |
| carbon black                                | Lampblack; Acetylene black; C.I. 77266; C.I. Pigment Black 6; C.I. Pigment Black 7; Charcoal                                                                                                                                                                                                                                                                                                                                                               | ≥0.1 - ≤1   | 1333-86-4  |

SUB codes represent substances without registered CAS Numbers.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

**Occupational exposure limits, if available, are listed in Section 8.**

## Section 4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Causes skin irritation. Defatting to the skin.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
dryness  
cracking
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

## Section 4. First aid measures

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

- Specific hazards arising from the chemical** : Highly flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon oxides  
metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

## Section 6. Accidental release measures

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Special precautions** : Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors. Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be stored in purpose-built containers or in metal containers with tight-fitting, self-closing lids. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside. If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

| Ingredient name                                                                      | Exposure limits                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Limestone                                                                            | <b>OSHA PEL (United States, 5/2018)</b><br>TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust.<br>TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction.                                                                             |
| Solvent naphtha (petroleum), light aliph.<br>Talc, not containing asbestiform fibres | None.<br><b>ACGIH TLV (United States, 1/2025)</b><br>TWA 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable fraction.                                                                                                                            |
| Stoddard solvent                                                                     | <b>OSHA PEL Z3 (United States)</b><br>TWA: 2 mg/m <sup>3</sup> .<br><b>ACGIH TLV (United States, 1/2025)</b><br>TWA 8 hours: 100 ppm.<br>TWA 8 hours: 525 mg/m <sup>3</sup> .                                                                 |
| titanium dioxide                                                                     | <b>OSHA PEL (United States, 5/2018)</b><br>TWA 8 hours: 500 ppm.<br>TWA 8 hours: 2900 mg/m <sup>3</sup> .<br><b>ACGIH TLV (United States, 1/2025)</b><br>TWA 8 hours: 2.5 mg/m <sup>3</sup> . Form: respirable fraction, finescale particles. |
| Solvent naphtha (petroleum), light aromatic<br>carbon black                          | <b>OSHA PEL (United States, 5/2018)</b><br>TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust.<br>None.<br><b>ACGIH TLV (United States, 1/2025)</b><br>TWA 8 hours: 3 mg/m <sup>3</sup> . Form: Inhalable fraction.                         |
|                                                                                      | <b>OSHA PEL (United States, 5/2018)</b><br>TWA 8 hours: 3.5 mg/m <sup>3</sup> .                                                                                                                                                               |

### Biological exposure indices

No exposure indices known.

Consult local authorities for acceptable exposure limits.

## Section 8. Exposure controls/personal protection

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. The respiratory protection shall be in accordance to 29 CFR 1910.134.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

**Physical state** : Liquid.  
**Color** : Gray.  
**Odor** : Characteristic.

## Section 9. Physical and chemical properties

Odor threshold : Not available.

pH : Not applicable.

Melting point/freezing point : Not available.

Boiling point or initial : >37.78°C (>100°F)

boiling point and boiling range

Flash point : Closed cup: 10°C (50°F)

Evaporation rate : Not available.

Flammability : Not available.

Lower and upper explosion limit/flammability limit : Not available.

Vapor pressure :

| Ingredient name  | Vapor Pressure at 20°C |      |        | Vapor pressure at 50°C |     |        |
|------------------|------------------------|------|--------|------------------------|-----|--------|
|                  | mm Hg                  | kPa  | Method | mm Hg                  | kPa | Method |
| Stoddard solvent | 2                      | 0.27 |        |                        |     |        |

Relative vapor density : Not available.

Relative density : 1.5

Density ( lbs / gal ) : 12.52

% Solid. (w/w) : 78.42

Solubility(ies) :

| Media      | Result      |
|------------|-------------|
| cold water | Not soluble |

Partition coefficient: n-octanol/water : Not applicable.

Auto-ignition temperature :

| Ingredient name  | °C         | °F         | Method |
|------------------|------------|------------|--------|
| Stoddard solvent | 230 to 240 | 446 to 464 |        |

Decomposition temperature : Not available.

Viscosity : Dynamic (room temperature): Not available.  
Kinematic (room temperature): Not available.  
Kinematic (40°C (104°F)): >21 mm<sup>2</sup>/s (>21 cSt)

### Particle characteristics

Median particle size : Not applicable.

## Section 10. Stability and reactivity

|                                           |                                                                                                                                                                           |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | : No specific test data related to reactivity available for this product or its ingredients.                                                                              |
| <b>Chemical stability</b>                 | : The product is stable.                                                                                                                                                  |
| <b>Possibility of hazardous reactions</b> | : Under normal conditions of storage and use, hazardous reactions will not occur.                                                                                         |
| <b>Conditions to avoid</b>                | : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. |
| <b>Incompatible materials</b>             | : Reactive or incompatible with the following materials:<br>oxidizing materials                                                                                           |
| <b>Hazardous decomposition products</b>   | : Depending on conditions, decomposition products may include the following materials:<br>carbon oxides metal oxide/oxides                                                |

## Section 11. Toxicological information

### Information on toxicological effects

| <u>Acute toxicity</u>                       | <b>Result</b>                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product/ingredient name                     |                                                                                                                                                                                                                                                                                                                                                                                              |
| Limestone                                   | <b>Rat - Oral - LD50</b><br>6450 mg/kg                                                                                                                                                                                                                                                                                                                                                       |
| Solvent naphtha (petroleum), light aliph.   | <b>Rat - Oral - LD50</b><br>>5000 mg/kg<br>OECD TG401<br><b>Rat - Dermal - LD50</b><br>>2000 mg/kg<br>OECD TG402<br><b>Rat - Inhalation - LC50 Vapor</b><br>>20 mg/l [4 hours]<br>OECD 403                                                                                                                                                                                                   |
| Stoddard solvent                            | <b>Rat - Oral - LD50</b><br>>5 g/kg                                                                                                                                                                                                                                                                                                                                                          |
| titanium dioxide                            | <b>Rat - Oral - LD50</b><br>>5000 mg/kg<br>OECD 401 [Acute Oral Toxicity]<br><b>Rabbit - Dermal - LD50</b><br>>5000 mg/kg<br><b>Rat - Inhalation - LC50 Dusts and mists</b><br>>6.82 mg/l [4 hours]<br><b>Rat - Oral - LD50</b><br>8400 mg/kg<br><u>Toxic effects:</u> Behavioral - Somnolence (general depressed activity) Behavioral - Tremor Lung, Thorax, or Respiration - Other changes |
| Solvent naphtha (petroleum), light aromatic | <b>Rabbit - Dermal - LD50</b><br>3.48 g/kg                                                                                                                                                                                                                                                                                                                                                   |

## Section 11. Toxicological information

carbon black

Rat - Oral - LD50

&gt;10 g/kg

OECD 401

**Conclusion/Summary [Product]** : Not available.

### Skin corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Serious eye damage/eye irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Respiratory or skin sensitization

Not available.

### **Skin**

**Conclusion/Summary [Product]** : Not available.

### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

## Section 11. Toxicological information

| Product/ingredient name                  | OSHA | IARC | NTP |
|------------------------------------------|------|------|-----|
| Talc , not containing asbestiform fibres | -    | 2A   | -   |
| titanium dioxide                         | -    | 2B   | -   |
| carbon black                             | -    | 2B   | -   |

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

| Product/ingredient name                     | Result                                                                                       |
|---------------------------------------------|----------------------------------------------------------------------------------------------|
| Solvent naphtha (petroleum), light aliph.   | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3             |
| Talc , not containing asbestiform fibres    | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 |
| Solvent naphtha (petroleum), light aromatic | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3             |

### Specific target organ toxicity (repeated exposure)

| Product/ingredient name | Result                                                                                         |
|-------------------------|------------------------------------------------------------------------------------------------|
| Stoddard solvent        | SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (central nervous system (CNS)) - Category 1 |

### Aspiration hazard

| Product/ingredient name                     | Result                         |
|---------------------------------------------|--------------------------------|
| Solvent naphtha (petroleum), light aliph.   | ASPIRATION HAZARD - Category 1 |
| Stoddard solvent                            | ASPIRATION HAZARD - Category 1 |
| Solvent naphtha (petroleum), light aromatic | ASPIRATION HAZARD - Category 1 |

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| <b>Eye contact</b>  | : No known significant effects or critical hazards. |
| <b>Inhalation</b>   | : No known significant effects or critical hazards. |
| <b>Skin contact</b> | : Causes skin irritation. Defatting to the skin.    |
| <b>Ingestion</b>    | : No known significant effects or critical hazards. |

### Symptoms related to the physical, chemical and toxicological characteristics

## Section 11. Toxicological information

|              |                                                                                               |
|--------------|-----------------------------------------------------------------------------------------------|
| Eye contact  | : Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness    |
| Inhalation   | : No specific data.                                                                           |
| Skin contact | : Adverse symptoms may include the following:<br>irritation<br>redness<br>dryness<br>cracking |
| Ingestion    | : No specific data.                                                                           |

### Delayed and immediate effects and also chronic effects from short and long term exposure

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conclusion/Summary | : There are no data available on the mixture itself. This product contains TiO <sub>2</sub> which has been classified as a GHS Carcinogen Category 2 based on its IARC 2B classification. For many products, TiO <sub>2</sub> is utilized as a raw material in a liquid coating formulation. In this case, the TiO <sub>2</sub> particles are bound in a matrix with no meaningful potential for human exposure to unbound particles of TiO <sub>2</sub> when the product is applied with a brush or roller. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of exposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8). Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

#### Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

### Potential chronic health effects

Not available.

Conclusion/Summary [Product] : Not available.

## Section 11. Toxicological information

- General** : Causes damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
- Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.
- Mutagenicity** : No known significant effects or critical hazards.
- Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

| Product/ingredient name                      | Oral (mg/kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapors) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|----------------------------------------------|--------------|----------------|--------------------------|----------------------------|-------------------------------------|
| 4180N-2363 FAST DRY 4180N MEDIUM GRAY PRIMER | N/A          | 3016.3         | N/A                      | N/A                        | N/A                                 |
| Limestone                                    | 6450         | N/A            | N/A                      | N/A                        | N/A                                 |
| Solvent naphtha (petroleum), light aliph.    | N/A          | 2500           | N/A                      | N/A                        | N/A                                 |
| Solvent naphtha (petroleum), light aromatic  | 8400         | 3480           | N/A                      | N/A                        | N/A                                 |

## Section 12. Ecological information

### Toxicity

#### Product/ingredient name

#### Result

Limestone

**Acute - LC50**

Fish

&gt;56000 mg/l [96 hours]

titanium dioxide

**Acute - LC50 - Fresh water**Daphnia - *Daphnia magna*

&gt;100 mg/l [48 hours]

Solvent naphtha (petroleum), light aromatic

**Acute - LC50**

Fish

8.2 mg/l [96 hours]

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

### Bioaccumulative potential

| Product/ingredient name | LogP <sub>ow</sub> | BCF | Potential |
|-------------------------|--------------------|-----|-----------|
| Stoddard solvent        | 3.16 to 7.06       | -   | High      |

## Section 12. Ecological information

### Mobility in soil

Soil/Water partition coefficient : Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## 14. Transport information

|                             | DOT             | TDG             | IMDG            | IATA            |
|-----------------------------|-----------------|-----------------|-----------------|-----------------|
| UN number                   | UN1263          | UN1263          | UN1263          | UN1263          |
| UN proper shipping name     | PAINT           | PAINT           | PAINT           | PAINT           |
| Class(es)                   | 3               | 3               | 3               | 3               |
| Packing group               | II              | II              | II              | II              |
| Environmental hazards       | No.             | No.             | No.             | No.             |
| Marine pollutant substances | Not applicable. | Not applicable. | Not applicable. | Not applicable. |

### Additional information

DOT : None identified.  
TDG : None identified.  
IMDG : None identified.  
IATA : None identified.

## 14. Transport information

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to IMO instruments** : Not applicable.

## Section 15. Regulatory information

### United States

**United States inventory (TSCA 8b)** : All components are active or exempted.

### U.S. Federal regulations

#### SARA 302/304

#### Composition/information on ingredients

No products were found.

**SARA 304 RQ** : Not applicable.

#### SARA 311/312

**Classification** : FLAMMABLE LIQUIDS - Category 2  
SKIN IRRITATION - Category 2  
CARCINOGENICITY - Category 1B  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1  
HNOC - Defatting irritant

#### Composition/information on ingredients

| Name                                        | %           | Classification                                                                                                                                                                                                    |
|---------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Solvent naphtha (petroleum), light aliph.   | ≥10 - ≤30   | SKIN IRRITATION - Category 2<br>SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3<br>ASPIRATION HAZARD - Category 1<br>HNOC - Defatting irritant                                   |
| Talc, not containing asbestiform fibres     | ≥5 - ≤10    | CARCINOGENICITY - Category 1B<br>SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3                                                                                     |
| Stoddard solvent                            | ≥1 - ≤5     | FLAMMABLE LIQUIDS - Category 3<br>EYE IRRITATION - Category 2A<br>SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1<br>ASPIRATION HAZARD - Category 1<br>HNOC - Defatting irritant                  |
| titanium dioxide                            | ≥1 - ≤5     | CARCINOGENICITY - Category 2                                                                                                                                                                                      |
| Solvent naphtha (petroleum), light aromatic | ≥0.5 - ≤1.5 | FLAMMABLE LIQUIDS - Category 3<br>SKIN IRRITATION - Category 2<br>SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3<br>ASPIRATION HAZARD - Category 1<br>HNOC - Defatting irritant |
| carbon black                                | ≥0.1 - ≤1   | COMBUSTIBLE DUSTS<br>CARCINOGENICITY - Category 2                                                                                                                                                                 |

## Section 15. Regulatory information

### California Prop. 65

**⚠ WARNING:** This product can expose you to Carbon black, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

| Ingredient name | No significant risk level | Maximum acceptable dosage level |
|-----------------|---------------------------|---------------------------------|
| Carbon black    | -                         | -                               |

### Inventory list

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Australia               | : Not determined.                                                                                  |
| Canada                  | : All components are listed or exempted.                                                           |
| China                   | : Not determined.                                                                                  |
| Eurasian Economic Union | : <b>Russian Federation inventory:</b> Not determined.                                             |
| Japan                   | : <b>Japan inventory (CSCL):</b> Not determined.<br><b>Japan inventory (ISHL):</b> Not determined. |
| New Zealand             | : Not determined.                                                                                  |
| Philippines             | : Not determined.                                                                                  |
| Republic of Korea       | : Not determined.                                                                                  |
| Taiwan                  | : Not determined.                                                                                  |
| Thailand                | : Not determined.                                                                                  |
| Turkey                  | : Not determined.                                                                                  |
| United States           | : All components are active or exempted.                                                           |
| Viet Nam                | : Not determined.                                                                                  |

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

|                  |   |   |
|------------------|---|---|
| Health           | * | 3 |
| Flammability     |   | 3 |
| Physical hazards |   | 0 |
|                  |   |   |

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

### National Fire Protection Association (U.S.A.)

## Section 16. Other information



### Procedure used to derive the classification

| Classification                                                  | Justification         |
|-----------------------------------------------------------------|-----------------------|
| FLAMMABLE LIQUIDS - Category 2                                  | On basis of test data |
| SKIN IRRITATION - Category 2                                    | Calculation method    |
| CARCINOGENICITY - Category 1B                                   | Calculation method    |
| SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 | Calculation method    |

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 EHS

### Key to abbreviations

: ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 DOT = Department of Transportation  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 IMO = International Maritime Organization  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
 N/A = Not available  
 SGG = Segregation Group  
 TDG = Transportation of Dangerous Goods  
 UN = United Nations

**References** : Not available.

 Indicates information that has changed from previously issued version.

### Disclaimer

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