

# SAFETY DATA SHEET



Date of printing : 2016-04-23.

Date of issue : 2016-04-23.

## Section 1. Identification

Prepared for

ATTN:

Wurth Baer Supply  
909 Forest Edge Drive

Vernon Hills, IL 60061 US

Prepared by

Akzo Nobel Coatings Inc.

1431 Progress Ave.

High Point, NC 27261 US

(336) 841-5111

In case of emergency (Health or Spills):

CHEMTREC (US and Canada) (800) 424-9300

Product no. : 825-3702

Container Code(s) : 825-3702-D1CG

Product - Class : Promatch® Glaze Van Dyke

Customer Part Number :

Customer ShipTo ID : 0000112634

## 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  
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B  
CARCINOGENICITY - Category 2  
TOXIC TO REPRODUCTION (Fertility) - Category 1B  
TOXIC TO REPRODUCTION (Unborn child) - Category 1B  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1  
AQUATIC HAZARD (LONG-TERM) - Category 2

### GHS label elements

**Hazard pictograms** :



**Signal word** :

Danger

**Hazard statements** :

Highly flammable liquid and vapor.  
Causes eye irritation.  
May damage fertility or the unborn child.  
Suspected of causing cancer.  
Causes damage to organs through prolonged or repeated exposure.  
Toxic to aquatic life with long lasting effects.

### Precautionary statements

**General** :

Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

## Section 2. Hazards identification

- Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Avoid release to the environment. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.
- Response** : Collect spillage. Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- Storage** : Store locked up. Store in a well-ventilated place. Keep cool.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : None known.

NOTICE: Reports have associated repeated and prolonged OVEREXPOSURE to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.

### CAS number/other identifiers

- CAS number** : Not applicable.
- Product code** : 825-3702

| Ingredient name                                 | % | CAS number |
|---|---|------------|
| solvent naphtha heavy arom.<br>aromatic solvent |   | -<br>..... |
| naphthalene                                     |   | 91-20-3    |
| bentonite quat.ammonium comp.                   |   | -          |
| mineral spirits                                 |   | 8052-41-3  |
| methanol  |   | 67-56-1    |
| synthetic amorphous silica                      |   | 7631-86-9  |
| 1,2,4-trimethylbenzene                          |   | 95-63-6    |
| xylene, mixed isomers                           |   | 1330-20-7  |
| n-methyl-2-pyrrolidone                          |   | 872-50-4   |
| carbon black                                    |   | 1333-86-4  |
| ethyl benzene                                   |   | 100-41-4   |
| 1-propanol, 2-methyl-                           |   | 78-83-1    |

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

### 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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Flush contaminated skin with plenty of water. 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. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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** : Causes eye irritation.
- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : May be irritating to mouth, throat and stomach.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
irritation  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

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

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.

## Section 4. First aid measures

- 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. Runoff to sewer may create fire or explosion hazard. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
sulfur oxides  
halogenated compounds  
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 specialised 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). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

### 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.

## Section 6. Accidental release measures

- 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. Avoid exposure during pregnancy. 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. Avoid release to the environment. 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.

- 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.

- Conditions for safe storage, including any incompatibilities** : 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

| <b>Ingredient name</b> | <b>Exposure limits</b>  |
|------------------------|---|
| aromatic solvent       | <b>ACGIH TLV (United States).</b><br>TWA: 100 ppm 8 hours.  |
| naphthalene            | <b>ACGIH TLV (United States). Absorbed through skin.</b><br>TWA: 10 ppm 8 hours.<br>STEL: 15 ppm 15 minutes.  |
| mineral spirits        | <b>OSHA PEL (United States).</b><br>TWA: 10 ppm 8 hours.<br><b>ACGIH TLV (United States).</b><br>TWA: 100 ppm 8 hours.  |
| methanol               | <b>OSHA PEL (United States).</b><br>TWA: 500 ppm 8 hours.<br><b>ACGIH TLV (United States). Absorbed through skin.</b><br>TWA: 200 ppm 8 hours.<br>STEL: 250 ppm 15 minutes. |

## Section 8. Exposure controls/personal protection

|                            |   |
|----------------------------|---|
| synthetic amorphous silica | <p><b>OSHA PEL (United States).</b><br/>TWA: 200 ppm 8 hours.</p> <p><b>ACGIH TLV (United States).</b><br/>TWA: 10 mg/m<sup>3</sup> 8 hours.</p>  |
| 1,2,4-trimethylbenzene     | <p><b>OSHA PEL (United States).</b><br/>TWA: 80 mg/m<sup>3</sup> 8 hours.</p> <p><b>ACGIH TLV (United States).</b><br/>TWA: 25 ppm 8 hours.</p>   |
| xylene, mixed isomers      | <p><b>ACGIH TLV (United States, 3/2012).</b><br/>TWA: 100 ppm 8 hours.<br/>TWA: 434 mg/m<sup>3</sup> 8 hours.<br/>STEL: 150 ppm 15 minutes.<br/>STEL: 651 mg/m<sup>3</sup> 15 minutes.</p> <p><b>OSHA PEL 1989 (United States, 3/1989).</b><br/>TWA: 100 ppm 8 hours.<br/>TWA: 435 mg/m<sup>3</sup> 8 hours.<br/>STEL: 150 ppm 15 minutes.<br/>STEL: 655 mg/m<sup>3</sup> 15 minutes.</p> <p><b>OSHA PEL (United States, 6/2010).</b><br/>TWA: 100 ppm 8 hours.<br/>TWA: 435 mg/m<sup>3</sup> 8 hours.</p>  |
| carbon black               | <p><b>ACGIH TLV (United States).</b><br/>TWA: 3 mg/m<sup>3</sup> 8 hours.</p> <p><b>OSHA PEL (United States).</b><br/>TWA: 3.5 mg/m<sup>3</sup> 8 hours.</p>  |
| ethyl benzene              | <p><b>ACGIH TLV (United States).</b><br/>STEL: 125 ppm 15 minutes.</p> <p><b>ACGIH TLV (United States, 3/2012).</b><br/>TWA: 20 ppm 8 hours.</p> <p><b>OSHA PEL 1989 (United States, 3/1989).</b><br/>TWA: 100 ppm 8 hours.<br/>TWA: 435 mg/m<sup>3</sup> 8 hours.<br/>STEL: 125 ppm 15 minutes.<br/>STEL: 545 mg/m<sup>3</sup> 15 minutes.</p> <p><b>NIOSH REL (United States, 1/2013).</b><br/>TWA: 100 ppm 10 hours.<br/>TWA: 435 mg/m<sup>3</sup> 10 hours.<br/>STEL: 125 ppm 15 minutes.<br/>STEL: 545 mg/m<sup>3</sup> 15 minutes.</p> <p><b>OSHA PEL (United States, 6/2010).</b><br/>TWA: 100 ppm 8 hours.<br/>TWA: 435 mg/m<sup>3</sup> 8 hours.</p> |
| 1-propanol, 2-methyl-      | <p><b>ACGIH TLV (United States, 3/2012).</b><br/>TWA: 50 ppm 8 hours.<br/>TWA: 152 mg/m<sup>3</sup> 8 hours.</p> <p><b>OSHA PEL 1989 (United States, 3/1989).</b><br/>TWA: 50 ppm 8 hours.<br/>TWA: 150 mg/m<sup>3</sup> 8 hours.</p> <p><b>NIOSH REL (United States, 1/2013).</b><br/>TWA: 50 ppm 10 hours.<br/>TWA: 150 mg/m<sup>3</sup> 10 hours.</p> <p><b>OSHA PEL (United States, 6/2010).</b><br/>TWA: 100 ppm 8 hours.<br/>TWA: 300 mg/m<sup>3</sup> 8 hours.</p>   |

### 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.



## Section 8. Exposure controls/personal protection

**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.

Selection of personal protective equipment (PPE) is to be established by the employer performing a PPE hazard assessment. In the U.S.A, OSHA requires completion of a documented PPE hazard assessment as described in 29 CFR 1910.132.

**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** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet sanding/flattening should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

## Section 9. Physical and chemical properties

### Appearance

**Physical state** : Liquid.

**Color** : Not available.

**Odor** : Not available.

**pH** : Not available.

**Melting point** : Not available.

**Boiling point** : 65 - 206 °C (149 - 402.8 °F)

**Flash point** : Closed cup: 12°C (53.6°F)

**Evaporation rate** : Highest known value: Greater than 1. (methanol) compared with butyl acetate

**Lower and upper explosive (flammable) limits** : Lower: 0.07% Upper: 36.5%

**Vapor pressure** : Not applicable.

## Section 9. Physical and chemical properties

|   |                                      |
|---|--------------------------------------|
| <b>Vapor density</b>                          | : > 1 (Air = 1) (Calculation method) |
| <b>Volatility</b>                             | : 60.11% (w/w)                       |
| <b>Density</b>                                | : 1.025 g/cm <sup>3</sup>            |
| <b>Solubility</b>                             | : Not available.                     |
| <b>Partition coefficient: n-octanol/water</b> | : Not available.                     |
| <b>Decomposition temperature</b>              | : Not available.                     |

## Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : 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.

**Incompatible materials** : Reactive or incompatible with the following materials:  
oxidizing materials

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name    | Result                | Species | Dose                    | Exposure |
|----------------------------|-----------------------|---------|-------------------------|----------|
| naphthalene                | LD50 Oral             | Rat     | 490 mg/kg               | -        |
| methanol                   | LC50 Inhalation Vapor | Rat     | 64000 ppm               | 4 hours  |
|                            | LD50 Dermal           | Rabbit  | 12800 mg/kg             | -        |
|                            | LD50 Oral             | Rat     | 5600 mg/kg              | -        |
| synthetic amorphous silica | LD50 Dermal           | Rabbit  | 7500 mg/kg              | -        |
|                            | LD50 Oral             | Rat     | 3160 mg/kg              | -        |
|                            | LD50 Oral             | Rat     | 18000 mg/m <sup>3</sup> | 4 hours  |
| 1,2,4-trimethylbenzene     | LC50 Inhalation Vapor | Rat     | 5000 mg/kg              | -        |
|                            | LD50 Oral             | Rat     | 5000 ppm                | 4 hours  |
| xylene, mixed isomers      | LC50 Inhalation Vapor | Rat     | 4300 mg/kg              | -        |
|                            | LD50 Oral             | Rat     | 4300 mg/kg              | -        |
| n-methyl-2-pyrrolidone     | LD50 Dermal           | Rabbit  | 8000 mg/kg              | -        |
|                            | LD50 Oral             | Rat     | 3914 mg/kg              | -        |
| ethyl benzene              | LC50 Inhalation Vapor | Rat     | 55000 mg/m <sup>3</sup> | 2 hours  |
|                            | LD50 Dermal           | Rabbit  | 15486 mg/kg             | -        |
|                            | LD50 Oral             | Rat     | 3500 mg/kg              | -        |
| 1-propanol, 2-methyl-      | LC50 Inhalation Vapor | Rat     | 19200 mg/m <sup>3</sup> | 4 hours  |
|                            | LD50 Dermal           | Rabbit  | 3400 mg/kg              | -        |
|                            | LD50 Oral             | Rat     | 2460 mg/kg              | -        |

#### Irritation/Corrosion

Not available.

#### Sensitization

Not available.

#### Mutagenicity

Not available.



## Section 11. Toxicological information

### Carcinogenicity

#### Classification

| Product/ingredient name | OSHA | IARC | NTP  |
|-------------------------|------|------|--|
| naphthalene             | -    | 2B   | Reasonably anticipated to be a human carcinogen. |
| carbon black            | -    | 2B   |  |
| ethyl benzene           | -    | 2B   |  |

### Reproductive toxicity

Not available.

### Teratogenicity

| Product/ingredient name | Result                | Species                            | Dose | Exposure |
|-------------------------|-----------------------|------------------------------------|------|----------|
| methanol                | Positive - Unreported | Mammal -<br>species<br>unspecified | -    | -        |

### Specific target organ toxicity (single exposure)

| Name                       | Category   | Route of exposure | Target organs                |
|----------------------------|------------|-------------------|------------------------------|
| synthetic amorphous silica | Category 3 | Not applicable.   | Respiratory tract irritation |
| 1,2,4-trimethylbenzene     | Category 3 | Not applicable.   | Respiratory tract irritation |
| n-methyl-2-pyrrolidone     | Category 3 | Not applicable.   | Respiratory tract irritation |
| 1-propanol, 2-methyl-      | Category 3 | Not applicable.   | Respiratory tract irritation |

### Specific target organ toxicity (repeated exposure)

| Name     | Category   | Route of exposure | Target organs                                |
|----------|------------|-------------------|--|
| methanol | Category 1 | Not determined    | central nervous system (CNS) and optic nerve |

### Aspiration hazard

| Name                        | Result   |
|-----------------------------|--|
| proprietary mineral spirits | ASPIRATION HAZARD - Category 1<br>ASPIRATION HAZARD - Category 1 |

**Information on the likely routes of exposure** : Not available.

### Potential acute health effects

- Eye contact** : Causes eye irritation.
- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : May be irritating to mouth, throat and stomach.

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

- Eye contact** : Adverse symptoms may include the following:  
irritation  
watering  
redness

## Section 11. Toxicological information

- Inhalation** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

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

#### 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.

- General** : Causes damage to organs through prolonged or repeated exposure.
- Carcinogenicity** : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : May damage the unborn child.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : May damage fertility.

## Section 12. Ecological information









Data available upon request.

## 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.

**Disposal should be in accordance with applicable regional, national and local laws and regulations.**

## Section 14. Transport information

|                            | DOT<br>Classification   | TDG<br>Classification  | Mexico<br>Classification   | ADR/RID   | IMDG  | IATA   |
|----------------------------|---|--|--|---|---|--|
| UN number                  | UN1263  | UN1263   | UN1263   | UN1263  | UN1263  | UN1263   |
| UN proper shipping name    | Paint   | Paint  | Paint  | Paint   | Paint   | Paint  |
| Transport hazard class(es) | 3<br>  | 3<br> | 3<br> | 3<br><br>           | 3<br><br> | 3<br>                 |
| Packing group              | II  | II   | II   | II  | II  | II   |
| Environmental hazards      | No.   | No.  | No.  | Yes.  | Yes.  | No.  |
| Additional information     | <b>Reportable quantity</b><br>2137.1 lbs /<br>970.24 kg [250.06 gal / 946.57 L]<br>Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements. | -  | -  | The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.<br><br><b>Special provisions</b><br>640 (C)<br><br><b>Tunnel code</b><br>(D/E) | The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.   | The environmentally hazardous substance mark may appear if required by other transportation regulations. |

**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 Annex II of MARPOL 73/78 and the IBC Code** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : **United States inventory (TSCA 8b):** All components are listed or exempted.

**Clean Air Act (CAA) 112 regulated toxic substances:** naphthalene; xylene, mixed isomers; ethyl benzene; toluene; methanol; manganic oxide

[SARA 313](#)

## Section 15. Regulatory information

|                                 | Product name           | CAS number | %    |
|---------------------------------|------------------------|------------|------|
| Form R - Reporting requirements | naphthalene            | 91-20-3    | 4.68 |
|                                 | methanol               | 67-56-1    | 1.63 |
|                                 | 1,2,4-trimethylbenzene | 95-63-6    | 1.43 |
|                                 | ethyl benzene          | 100-41-4   | 0.13 |

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

### State regulations

- Massachusetts** : None of the components are listed.  
**New York** : None of the components are listed.  
**New Jersey** : None of the components are listed.  
**Pennsylvania** : None of the components are listed.

### California Prop. 65

**WARNING:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

| Ingredient name            | Cancer | Reproductive | No significant risk level | Maximum acceptable dosage level |
|----------------------------|--------|--------------|---------------------------|---------------------------------|
| naphthalene                | Yes.   | No.          | No.                       | No.                             |
| methanol                   | No.    | Yes.         | No.                       | No.                             |
| n-methyl-2-pyrrolidone     | No.    | Yes.         | No.                       | No.                             |
| carbon black               | Yes.   | No.          | No.                       | No.                             |
| ethyl benzene              | Yes.   | No.          | No.                       | No.                             |
| silica, crystalline-quartz | Yes.   | No.          | No.                       | No.                             |
| toluene                    | No.    | Yes.         | No.                       | No.                             |

- Canada inventory** : All components are listed or exempted.

### International regulations

- International lists** : **Australia inventory (AICS):** Not determined.  
**China inventory (IECSC):** Not determined.  
**Japan inventory:** Not determined.  
**Korea inventory:** All components are listed or exempted.  
**Malaysia Inventory (EHS Register):** Not determined.  
**New Zealand Inventory of Chemicals (NZIoC):** Not determined.  
**Philippines inventory (PICCS):** Not determined.  
**Taiwan inventory (CSNN):** Not determined.

- Chemical Weapons Convention List Schedule I Chemicals** : Not listed

### Chemical Weapons Convention List Schedule I Chemicals

- Chemical Weapons Convention List Schedule II Chemicals** : Not listed

### Chemical Weapons Convention List Schedule II Chemicals

- Chemical Weapons Convention List Schedule III Chemicals** : Not listed

### Chemical Weapons Convention List Schedule III Chemicals

## Section 16. Other information

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

|                  |   |   |
|------------------|---|---|
| Health           | * | 2 |
| Flammability     |   | 3 |
| Physical hazards |   | 0 |
|                  |   |   |

## Section 16. Other information

**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 are not required on SDSs 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 mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

### History

**Date of printing** : 2016-04-23.

**Date of issue/Date of revision** : 2016-04-23.

**Date of previous issue** : 2016-03-25.

**Version** : 1.24

### Key to abbreviations

: ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
 UN = United Nations

**References** : Not available.

☑ Indicates information that has changed from previously issued version.

### Notice to reader

**IMPORTANT NOTE** The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

Brand names mentioned in this data sheet are trademarks of or are licensed to Akzo Nobel.

0000112634