



SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product ID: TN4
Product Name: Montana Big Sky Medium Fine Metallic Toner
Revision Date: Mar 25, 2020 **Date Printed:** Mar 25, 2020
Version: 1.0 **Supersedes Date:** N.A.
Supplier's Name: Axalta Coating Systems LLC
Address: Applied Corporate Center
50 Applied Bank Boulevard, Suite 300 Glenn Mills, PA, US, 19342
Emergency Phone: CHEMTREC: 1-800-424-9300
Information Phone Number: 1-855-6-AXALTA
Fax:
Product/Recommended Uses: Industrial Applications

SECTION 2) HAZARDS IDENTIFICATION

Classification

Carcinogenicity - Category 2
Flammable Liquids - Category 3
Reproductive Toxicity - Category 1B
Serious Eye Damage - Category 1
Skin Irritation - Category 2
Specific Target Organ Toxicity - Repeated Exposure - Category 2
Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) - Category 3

Pictograms



Signal Word

Danger

Hazardous Statements - Health

H351 - Suspected of causing cancer.
H360 - May damage fertility or the unborn child
H318 - Causes serious eye damage.
H315 - Causes skin irritation.
H373 - May cause damage to organs through prolonged or repeated exposure.
H335 - May cause respiratory irritation.

Hazardous Statements - Physical

H226 - Flammable liquid and vapor.

Precautionary Statements - General

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

Precautionary Statements - Prevention

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 - Keep container tightly closed.

P240 - Ground/bond container and receiving equipment.

P241 - Use explosion-proof electrical, ventilating, lighting equipment.

P242 - Use only non-sparking tools.

P243 - Take action to prevent static discharges.

P264 - Wash hands thoroughly after handling.

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

P271 - Use only outdoors or in a well-ventilated area.

Precautionary Statements - Response

P308 + P313 - IF exposed or concerned: Get medical advice/attention.

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P370 + P378 - In case of fire: Use carbon-dioxide, alcohol foam, water spray or dry chemical to extinguish.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor.

P302 + P352 - IF ON SKIN: Wash with plenty of water.

P321 - Specific treatment (see first-aid on this label).

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P362 + P364 - Take off contaminated clothing. And wash it before reuse.

P314 - Get Medical advice/attention if you feel unwell.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 - Call a POISON CENTER or doctor, if you feel unwell.

Precautionary Statements - Storage

P405 - Store locked up.

P403 + P235 - Store in a well-ventilated place. Keep cool.

P403 + P405 - Store in a well-ventilated place. Store locked up.

Precautionary Statements - Disposal

P501 - Dispose of contents/container in accordance with local/national/international regulation. Under RCRA it is the responsibility of the user of the products to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Hazards Not Otherwise Classified (HNOC)

None

Acute toxicity of 32.31% of the mixture is unknown

SECTION 3) COMPOSITION / INFORMATION ON INGREDIENTS

| CAS | Chemical Name | % By Weight |
|--------------|--------------------------------|-------------|
| 0001330-20-7 | XYLENE | 21% - 50% |
| 0000100-41-4 | ETHYLBENZENE | 3% - 5% |
| 0008052-41-3 | STODDARD SOLVENT | 3% - 4% |
| 0000071-36-3 | N-BUTYL ALCOHOL | 3% - 3% |
| 0064742-95-6 | LIGHT AROMATIC SOLVENT NAPHTHA | 2% - 3% |
| 0000110-43-0 | METHYL N-AMYL KETONE | 0.1% - 2% |
| 0000872-50-4 | N-METHYL-2-PYRROLIDONE | 0.0% - 0.5% |

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

Inhalation

Eliminate all ignition sources if safe to do so. Remove source of exposure or move person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor. If breathing has stopped, trained personnel should begin rescue breathing or, if the heart has stopped, immediately start cardiopulmonary resuscitation (CPR) or automated external defibrillation (AED). IF exposed or concerned: Get medical advice/attention.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a flushing duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Store clothing under water and wash clothing before re-use (or discard). IF exposed or concerned: Get medical advice/attention.

Eye Contact

Remove source of exposure. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a flushing duration of 30 minutes or until medical aid is available. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately call a POISON CENTER/doctor.

Ingestion

Rinse mouth. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position. IF exposed or concerned: Get medical advice/attention.

Most important symptoms and effects, both acute and delayed

No data available.

Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, foam, carbon dioxide water spray or fog is recommended. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

Unsuitable Extinguishing Media

Do not use water jets.

Specific Hazards in Case of Fire

Can form explosive air mixtures.

Containers can explode in a fire. Highly flammable with toxic fumes. Give off toxic fumes at high temperatures.

Vapors are heavier than air and may settle in low places or spread a long distance to source of ignition and flash back.

Fire-Fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
Do not touch or walk through spilled material.
Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.
If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

Recommended Equipment

Positive pressure, full-facepiece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

Personal Precautions

Avoid breathing vapor. Avoid contact with skin, eye or clothing. Use explosive proof equipment. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning Up

Contain and collect spilled materials with non-combustible, absorbent material and place in a container for disposal according to local regulations. Dispose via a licensed waste disposal contractor. Contaminated absorbent material may pose the same physical hazards as the product.
Use non-sparking tools.

SECTION 7) HANDLING AND STORAGE

General

Wash hands after use.
Do not get in eyes, on skin or on clothing.
Do not breathe vapors or mists.
Use good personal hygiene practices.
Eating, drinking and smoking in work areas is prohibited.
Remove contaminated clothing and protective equipment before entering eating areas.
Eyewash stations and showers should be available in areas where this material is used and stored.

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty container retain residue and may be dangerous.
Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored.
Take precautionary measures against electrostatic discharge. To avoid fire or explosion, dissipate static electricity during transfer by ground and bonding containers and equipment before transferring material.

SECTION 8) EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Respiratory Protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

Use NIOSH approved air supplier full face piece or head covering respirator suitable for organic vapors/particulates as required.

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

| Chemical Name | OSHA TWA (ppm) | OSHA TWA (mg/m3) | OSHA STEL (ppm) | OSHA STEL (mg/m3) | OSHA Tables (Z1, Z2, Z3) | OSHA Carcinogen | OSHA Skin designation | NIOSH TWA (ppm) |
|--------------------------------|----------------|------------------|-----------------|-------------------|--------------------------|-----------------|-----------------------|-----------------|
| ETHYLBENZENE | 100 | 435 | | | 1 | | | 100 |
| LIGHT AROMATIC SOLVENT NAPHTHA | 500 | 2000 | | | 1 | | | |
| METHYL N-AMYL KETONE | 100 | 465 | | | 1 | | | 100 |
| N-BUTYL ALCOHOL | 100 | 300 | | | 1 | | | |
| STODDARD SOLVENT | 500 | 2900 | | | 1 | | | |
| XYLENE | 100 | 435 | | | 1 | | | 100 |

| Chemical Name | NIOSH TWA (mg/m3) | NIOSH STEL (ppm) | NIOSH STEL (mg/m3) | NIOSH Carcinogen | ACGIH TWA (ppm) | ACGIH TWA (mg/m3) | ACGIH STEL (ppm) | ACGIH STEL (mg/m3) |
|--------------------------------|-------------------|------------------|--------------------|------------------|--------------------|---|------------------|--------------------|
| ETHYLBENZENE | 435 | 125 | 545 | | 20 | | | |
| LIGHT AROMATIC SOLVENT NAPHTHA | | | | | (L)[N159](L)[N800] | [(L)[N159](L)[N800]]; [5 (l)[N159]5 (l)[N800]]; | | |
| METHYL N-AMYL KETONE | 465 | | | | 50 | | | |
| N-BUTYL ALCOHOL | | | | | 20 | | | |
| STODDARD SOLVENT | 350 | | | | 100 | [(L)]; [5 (l)]; | | |
| XYLENE | 435 | 150 | 655 | | 100 | | 150 | |

| Chemical Name | ACGIH Carcinogen | ACGIH Notations | ACGIH TLV Basis |
|--------------------------------|---|---|--|
| ETHYLBENZENE | A3 | A3; BEI | URT irr; Kidney dam (nephropathy); Cochlear impair |
| LIGHT AROMATIC SOLVENT NAPHTHA | [A2[N159]A2[N800]]; [A4[N159]A4[N800]]; | [A2[N159]A2[N800]]; [A4[N159]A4[N800]]; | URT irr [N159]URT irr [N800] |
| METHYL N-AMYL KETONE | | | Eye & skin irr |
| N-BUTYL ALCOHOL | | | Eye & URT irr |
| STODDARD SOLVENT | [A2]; [A4]; | [A2]; [A4]; | Eye, skin, & kidney dam; nausea; CNS impair |
| XYLENE | A4 | A4; BEI | URT & eye irr; CNS imapir |

(C) - Ceiling limit, A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, A4 - Not Classifiable as a Human Carcinogen, BEI - Substances for which there is a Biological Exposure Index or Indices, CNS - Central nervous system, dam - Damage, impair - Impairment, irr - Irritation, URT - Upper respiratory tract

The information in this Section does not list components that might have relevant ACGIH Carcinogen, ACGIH Notations, ACGIH TLV Basis, NIOSH TWA (mg/m3), NIOSH STEL (ppm), NIOSH STEL (mg/m3), ACGIH TWA (ppm), ACGIH TWA (mg/m3), ACGIH STEL (ppm), OSHA TWA (ppm), OSHA TWA (mg/m3), OSHA STEL (ppm), OSHA Tables (Z1, Z2, Z3), OSHA Skin designation, NIOSH TWA (ppm) regulatory values, if they are present at less than 100%. Please contact manufacturer for more information.

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

| | |
|----------------------|-------------|
| Density | 8.64 lb/gal |
| % Solids By Weight | 45.55% |
| Density VOC | 4.38 lb/gal |
| % VOC | 50.73% |
| Specific Gravity | 1.04 |
| Material VOC(lb/gal) | 4.38 lb/gal |
| Coating VOC(lb/gal) | 4.38 lb/gal |

| | |
|---------------------------|----------------|
| Appearance | Viscous Liquid |
| Odor Description | Pungent |
| Odor Threshold | N/A |
| pH | N/A |
| Melting Point | N/A |
| Freezing Point | N/A |
| Low Boiling Point | >35 °C |
| Flash Point | >23 °C |
| Evaporation Rate | N/A |
| Flammability | N/A |
| Upper Explosion Level (%) | N/A |
| Lower Explosion Level (%) | N/A |
| Vapor Pressure | N/A |
| Vapor Density | N/A |
| Water Solubility | N/A |
| Coefficient Water/Oil | N/A |
| Auto Ignition Temp | N/A |
| Decomposition Pt | N/A |
| Viscosity | N/A |

SECTION 10) STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to Avoid

Avoid all possible sources of ignition. Prone to ignite by static.

Hazardous Reactions/Polymerization

No data available.

Incompatible Materials

Keep away from: explosives, toxic gases, oxidizing substances, organic peroxides, poisonous (toxic) substance, infectious substances (biohazards).

Hazardous Decomposition Products

Oxides of carbon.

SECTION 11) TOXICOLOGICAL INFORMATION

Likely route of exposure

Inhalation, ingestion, skin contact, eye contact, skin absorption.

Skin Corrosion/Irritation

Causes skin irritation.

0000071-36-3 N-BUTYL ALCOHOL

Can irritate and burn the skin.

0000872-50-4 N-METHYL-2-PYRROLIDONE

Slightly irritating.

Serious Eye Damage/Irritation

Causes serious eye damage.

0000071-36-3 N-BUTYL ALCOHOL

Can irritate and burn the eyes.

0000872-50-4 N-METHYL-2-PYRROLIDONE

Moderately irritating.

Respiratory/Skin Sensitization

0000071-36-3 N-BUTYL ALCOHOL

Can irritate the nose, throat and lungs. May cause dryness or cracking.

Germ Cell Mutagenicity

No data available.

Carcinogenicity

Suspected of causing cancer.

Reproductive Toxicity

May damage fertility or the unborn child

Specific Target Organ Toxicity - Single Exposure

May cause respiratory irritation.

0000071-36-3 N-BUTYL ALCOHOL

Exposure can cause headache, dizziness, nausea and vomiting. Can damage the liver and kidneys.

0000872-50-4 N-METHYL-2-PYRROLIDONE

The substance is irritating to the eyes and respiratory tract.

Specific Target Organ Toxicity - Repeated Exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard

No data available.

Acute Toxicity

No data available.

Likely Routes of Exposure

Inhalation, Ingestion, Skin contact, Eye contact

0000071-36-3 N-BUTYL ALCOHOL

Can be absorbed into the body by inhalation of its vapour and by ingestion.

0000872-50-4 N-METHYL-2-PYRROLIDONE

The substance can be absorbed into the body by inhalation, through the skin and by ingestion

Potential Health Effects - Miscellaneous

0000071-36-3 N-BUTYL ALCOHOL

May cause abnormal blood forming function with anemia. Liquid splashes in the eye may result in chemical burns.

0000100-41-4 ETHYLBENZENE

Is an IARC, NTP or OSHA carcinogen. Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, kidneys, liver, lungs. Recurrent overexposure may result in liver and kidney injury. Studies in laboratory animals have shown reproductive, embryotoxic and developmental effects. WARNING: This chemical is known to the State of California to cause cancer.

0000872-50-4 N-METHYL-2-PYRROLIDONE

The following medical conditions may be aggravated by exposure: skin disorders. Tests in some laboratory animals indicate this compound may have embryotoxic activity. Tests in laboratory animals have shown effects on any of the following organs/systems: kidneys, liver. WARNING: This chemical is known to the State of California to cause birth defects or other reproductive harm.

0001330-20-7 XYLENE

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: bone marrow, cardiovascular system, central nervous system, kidneys, liver, lungs. Recurrent overexposure may result in liver and kidney injury. High exposures may produce irregular heart beats. Canada classifies Xylene as a developmental toxin as high exposures to xylenes in some animal studies have been reported to cause health effects on the developing fetus/embryo. These effects were often at levels toxic to the adult animal. The significance of these effects to humans is not known. Repeated or prolonged skin contact may cause any of the following: irritation, dryness, cracking of the skin.

0064742-95-6 LIGHT AROMATIC SOLVENT NAPHTHA

The following medical conditions may be aggravated by exposure: skin disorders. Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors.

Chronic Exposure

0000100-41-4 ETHYLBENZENE

CARCINOGENIC EFFECTS: Ethyl Benzene has been listed by IARC as Group 2B, Possibly Carcinogenic to Humans.

TERATOGENIC EFFECTS: Ethyl Benzene has been Classified as POSSIBLE for humans.

0001330-20-7 XYLENE

High exposure to Xylenes in some animal studies have been reported to cause health effects on the developing embryo/fetus.

Xylene in high concentrations has caused embryotoxic effects in laboratory animals.

Miscellaneous Health Effects

0000872-50-4 N-METHYL-2-PYRROLIDONE

Exposure to very high concentrations could cause lowering of consciousness. Repeated or prolonged contact with skin may cause dermatitis. Animal tests show that this substance possibly causes toxic effects upon human reproduction.

0000100-41-4 ETHYLBENZENE

LC50 (inhalation, rat): 4000 ppm; 4-hour exposure (3)

LD50 (oral, rat): 3.5 g/kg (1,3,5,10)

LD50 (oral, rat): 4.72 g/kg (3,5,7,8)

LD50 (dermal, rabbit): 17.8 g/kg (11)

0001330-20-7 XYLENE

LC50 (rat): 6350 ppm (4-hour exposure) (unspecified isomers and ethylbenzene) (1) LC50 (rat): 6700 ppm (4-hour exposure) (65% m-xylene, 7.6% o-xylene, 7.8% p-xylene, 19.3% ethylbenzene) (2) ethylbenzene) (1)

LC50 (rat): 6700 ppm (4-hour exposure) (65% m-xylene, 7.6% o-xylene, 7.8% p-xylene, 19.3% ethylbenzene) (2)

LD50 (oral, rat): 5400 mg/kg (52% m-, 19% o-, 24% p-) (1) LD50 (oral, female mouse): 5251 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (oral, male mouse): 5627 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (dermal, rabbit): 12180 mg/kg (m-xylene); greater than 1700 mg/kg (mixed xylenes - undefined composition) (3)

LD50 (oral, female mouse): 5251 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (oral, male mouse): 5627 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (dermal, rabbit): 12180 mg/kg (m-xylene); greater than 1700 mg/kg (mixed xylenes - undefined composition) (3)

0000071-36-3 N-BUTYL ALCOHOL

LC50 (rat): greater than 8000 ppm (4-hour exposure) (14)

LD50 (oral, rat): 2510 mg/kg (15)

LD50 (oral, male rat): 790 mg/kg (16)*

LD50 (oral, female rat): 2020 mg/kg (16)* *(Note: the rats used in this study appear to have been very young (60-100 grams).)

LD50 (oral, hamster): 1200 mg/kg (11, original)

0000110-43-0 METHYL N-AMYL KETONE

LC100 (rat): 4,000 ppm (4-hour exposure) (8)

LD50 (oral, female rat): 1,670 mg/kg (8)

LD50 (oral, mouse): 730 mg/kg (3; not confirmed)

LD50 (oral, mouse): 2,390 mg/kg; reported as 21.08 mmol/kg (7)

LD50 (dermal, rabbit): 10,300 mg/kg; reported as 12.6 mL/kg (8)

0008052-41-3 STODDARD SOLVENT

LC50 (rat): greater than 5500 mg/m³ (880 ppm) (whole body exposure for 4 hours) (1)

LC50 (rat): greater than 8200 mg/m³ (1300 ppm) (2)

LD50 (oral, rat): greater than 5 g/kg (1)

LD50 (dermal, rabbit): greater than 3 g/kg (1)

SECTION 12) ECOLOGICAL INFORMATION

Other Adverse Effects

No data available.

Toxicity

No data available.

Persistence and Degradability

0000071-36-3 N-BUTYL ALCOHOL

Readily biodegradable.

0000872-50-4 N-METHYL-2-PYRROLIDONE

Readily Biodegradable

0001330-20-7 XYLENE

50% of applied radiolabelled o-xylene was mineralised in 23 days, and 50% p-xylene was mineralised in 13 days.

Bio-accumulative Potential

No data available.

Mobility in soil

No data available.

Other Adverse Effect

No data available.

Results of the PBT and vPvB assessment

0000071-36-3 N-BUTYL ALCOHOL

The substance is not PBT/vPvB

0000872-50-4 N-METHYL-2-PYRROLIDONE

The substance is not PBT / vPvB.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

SECTION 14) TRANSPORT INFORMATION

| | U.S. DOT Information | IMDG Information | IATA Information |
|---------------------------|----------------------|-------------------|-------------------|
| UN number: | UN1263 | UN1263 | UN1263 |
| Proper shipping name: | Paint | Paint | Paint |
| Hazard class: | 3 | 3 | 3 |
| Packaging group: | III | III | III |
| Hazardous substance (RQ): | No Data Available | | |
| Marine Pollutant: | No Data Available | No Data Available | |
| Note / Special Provision: | No Data Available | No Data Available | No Data Available |
| Toxic-Inhalation Hazard: | No Data Available | | |

SECTION 15) REGULATORY INFORMATION

| CAS | Chemical Name | % By Weight | Regulation List |
|--------------|--------------------------------|-------------------|--|
| 0007429-90-5 | ALUMINUM | 102.32% - 138.48% | SARA313, DHS_COI - DHS_Chemical Of Interest, SARA312, TSCA |
| 0001330-20-7 | XYLENE | 21% - 50% | SARA313, CERCLA, SARA312, VOC, IARC Carcinogen, TSCA |
| 0000100-41-4 | ETHYLBENZENE | 3% - 5% | SARA313, CERCLA, SARA312, VOC, IARC Carcinogen, TSCA, CA_Prop65 - California Proposition 65, CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer |
| 0008052-41-3 | STODDARD SOLVENT | 3% - 4% | SARA312, VOC, IARC Carcinogen, TSCA, TSCA_UVCB - CHEMICAL SUBSTANCES OF UNKNOWN OR VARIABLE COMPOSITION, COMPLEX REACTION PRODUCTS AND BIOLOGICAL MATERIALS |
| 0000071-36-3 | N-BUTYL ALCOHOL | 3% - 3% | SARA313, CERCLA, SARA312, VOC, TSCA |
| 0064742-95-6 | LIGHT AROMATIC SOLVENT NAPHTHA | 2% - 3% | SARA312, VOC, IARC Carcinogen, TSCA, TSCA_UVCB - CHEMICAL SUBSTANCES OF UNKNOWN OR VARIABLE COMPOSITION, COMPLEX REACTION PRODUCTS AND BIOLOGICAL MATERIALS |
| 0000110-43-0 | METHYL N-AMYL KETONE | 0.1% - 2% | SARA312, VOC, TSCA |
| 0000872-50-4 | N-METHYL-2-PYRROLIDONE | 0.0% - 0.5% | SARA313, SARA312, VOC, TSCA, REACH_SVHC - REACH_Substances of Very High Concern, REACH_SVHC_ToxicForReproduction - REACH_Substances of Very High Concern_Toxic for Reproduction, CA_Prop65 - California Proposition 65, CA_Prop65_Type_Toxicity_Developmental - CA_Proposition65_Type_Toxicity_Developmental |
| 0000098-82-8 | CUMENE | 0 - 0.1 % | SARA313, CERCLA, SARA312, VOC, IARC Carcinogen, NTP_Carcinogen - National Toxicology Program |

| | | | |
|--------------|---------|-----------|---|
| | | | Carcinogens,TSCA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer |
| 0000108-88-3 | TOLUENE | 0 - 0.1 % | SARA313, CERCLA,SARA312,VOC,IARCCarcinogen,TSCA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Developmental |
| 0000100-42-5 | STYRENE | 0 - 0.1 % | SARA313, CERCLA,SARA312,VOC,IARCCarcinogen,NTP_Carcinogen - National Toxicology Program Carcinogens,TSCA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer |

The information in this Section does not list components that might have relevant COMPLEX REACTION PRODUCTS AND BIOLOGICAL MATERIALS, IARCCarcinogen, SARA312, TSCA, TSCA_UVCB - CHEMICAL SUBSTANCES OF UNKNOWN OR VARIABLE COMPOSITION, VOC regulatory values, if they are present at less than 100%. Please contact manufacturer for more information.

SECTION 16) OTHER INFORMATION

Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDGCanadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ - Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA - Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

HMIS

| | |
|---------------------|-----|
| Health | / 2 |
| FLAMMABILITY | 3 |
| Physical Hazard | 0 |
| Personal Protection | 1 |

(*) - Chronic effects

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

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