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***SAFETY DATASHEET***

**Revisiondate: 09/23/2015**

**Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND PHYSICAL PROPERTIES INFORMATION**

**DATE OF PREPARATION**

**09/23/2015**

**1203 E. 58th PLACE EMERGENCY PHONE Contact day phone**

**LOS ANGELES, CA 90001 CHEMTREC (800) 424-9300 323-231-3957**

**DAY OR NIGHT**

**Manufacture’s code Product Class**

 **WU-2000-275-00WHITE PIGMENTED LACQUER UNDERCOAT**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

VOC = 275/105 grams per liter coatings / material VOC

Wt/gal = 10.4,

Solids = 4.8 lb / gal

**Section 2: HAZARDSIDENTIFICATION**

## Classification

|  |  |
| --- | --- |
| * Skincorrosion/irritation
 | * Category2
 |
| * Serious eye damage/eyeirritation
 | * Category2
 |
| * Specific target organ toxicity (singleexposure)
 | * Category3
 |
| * Flammableliquids
 | * Category2
 |

**Labelelements**



**HAZARDSTATEMENTS**

* Highly flammable liquid andvapor Causes skinirritation
* Causes serious eyeirritation
* May cause drowsiness ordizziness

## PREVENTION

* Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep containertightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/faceprotection.

## RESPONSE

* Get medical advice/attention if you feelunwell.

## Eyes

* 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 medicaladvice/attention.

## Skin

* If skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminatedclothing. Rinse skin with water/ shower. Wash contaminated clothing beforereuse.

## Inhalation

* IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physicianif you feelunwell.

## Ingestion

* Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feelunwell.

## Fire

* In case of fire: Use CO2, dry chemical, or foam forextinction.

## STORAGE

* Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keepcool.

## DISPOSAL

* Dispose of contents/containers in accordance with localregulations.

## HAZARDS NOT OTHERWISE CLASSIFIED(HNOC)

* Notapplicable.

## OTHERHAZARDS

* Spontaneously combustible material. Risk of self-ignition of used cleaning rags, paper wipes etc. Contaminated materials shouldbe soaked in water and placed in a closed metal container beforedisposal.

**UNKNOWNACUTETOXICITY**

* 0% of the mixture consists of ingredient(s) of unknowntoxicity.

**Section 3: COMPOSITION/INFORMATION ONINGREDIENTS**

|  |  |  |
| --- | --- | --- |
| **ChemicalName** | **CASNo** | **weight-%** |
| Acetone | 67-64-1 | 50 -70 |
| Xylene | 1330-20-7 | 1 -5 |
| 2-Butoxyethanol | 111-76-2 | 1 -5 |

\*The exact percentage (concentration) of composition has been withheld as a tradesecret.

**Section 4: FIRST AIDMEASURES**

## First AidMeasures

**Generaladvice**

* Get medical advice/attention if you feelunwell.

## Eyecontact

* 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 medicaladvice/attention.

## SkinContact

* If skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminatedclothing. Rinse skin with water/ shower. Wash contaminated clothing beforereuse.

## Inhalation

* IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physicianif you feelunwell.

## Ingestion

* Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feelunwell.

## Most important symptoms and effects, both acute anddelayed

* **Symptoms** No informationavailable.

## Indication of any immediate medical attention and special treatmentneeded

* **Notetophysicians** Treatsymptomatically.

**Section 5: FIRE FIGHTINGMEASURES**

## Suitable extinguishingmedia

* Dry chemical, CO2, water spray or alcohol-resistantfoam. Not to be used forsafetyreasons: Strong waterjet

## Specific hazards arising from thechemical

* Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do notbreathe fumes. Spontaneously combustible material. Risk of self-ignition of used cleaning rags, paper wipes etc. Contaminated materials should be soaked in water and placed in a closed metal container before disposal. Keep product and empty container away from heat and sources ofignition.

## Special protective equipment forfire-fighters

* Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fireis out. Do not allow run-off from fire-fighting to enter drains or watercourses.

**Section 6: ACCIDENTAL RELEASEMEASURES**

## Personal precautions, protective equipment and emergencyprocedures

**Personalprecautions**

* Avoid breathing vapors or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contactwith skin, eyes or clothing. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Take precautionary measures against staticdischarges.

## For emergencyresponders

* Use personal protection recommended in Section8.

## Environmentalprecaution

## Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

**Methods and material for containment and cleaningup**

**Methods forcontainment**

* Prevent further leakage or spillage if safe to doso.

**Methods for cleaningup**

* Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners.Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surfacethoroughly.

**Section 7: HANDLING ANDSTORAGE**

## Precautions for safehandling

**Advice on safehandling**

* Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conductingtype. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safetyat work laws. Prevent product from entering drains. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. Use onlyin

Well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors andstatic electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Risk of self-ignition of used cleaning rags, paper wipesetc.

* Contaminated materials should be soaked in water and placed in a closed metal container beforedisposal.

## General HygieneConsiderations

* When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes orclothing.

## Conditions for safe storage, including anyincompatibilities

**StorageConditions**

* Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dryand well-ventilated place. Keep tightly closed in a dry and coolplace.

## Incompatiblematerials

* Bases. Strong oxidizing agents.Acids.

**Section 8: EXPOSURE CONTROLS/PERSONALPROTECTION**

## Controlparameters

**ExposureLimits**

* If S\* appears in the OEL table, it indicates this chemical contains a skinnotation.

|  |  |  |  |
| --- | --- | --- | --- |
| **ChemicalName** | **ACGIHTLV** | **OSHAPEL** | **NIOSHIDLH** |
| Acetone 67-64-1 | STEL: 750ppmTWA: 500ppm | TWA: 1000ppmTWA: 2400mg/m3 | IDLH: 2500ppmTWA: 250ppmTWA: 590mg/m3 |
| Xylene98-56-6 | STEL: 150 ppm TWA: 100 ppm | TWA: 100 ppmSTEL: 150 ppmPEL: 100 ppm mg/m3 dust |  REL: 100 ppm STEL: 150 ppm |
| 2-Butoxyethanol 111-76-2 | TWA: 20ppm | TWA: 50ppmTWA: 240mg/m3 S\* | IDLH: 700ppmTWA: 5ppmTWA: 24mg/m3 |

## Appropriate engineeringcontrols

**EngineeringControls**

* Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation,wear suitable respiratoryequipment.

## Individual protection measures, such as personal protectiveequipment

**Eye/faceprotection**

* Wear safety glasses with side shields (orgoggles).

## Skin and bodyprotection

* Wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber. Wear suitable protectiveclothing.

## HandProtection

* There is no one glove material or combination of materials that will give unlimited resistance to any individual or combinationof chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protectivegloves.

## Respiratoryprotection

* In case of inadequate ventilation wear respiratoryprotection.

## ThermalProtection

* No informationavailable

**Section 9: DISPOSALCONSIDERATIONS**

## Waste treatmentmethods

**Disposalofwastes**

* Disposal should be in accordance with applicable regional, national and local lawsand

Regulations.

**Contaminatedpackaging**

* Improper disposal or reuse of this container may be dangerous and illegal.Empty

Containers must be scrapped orreconditioned.

**Section 10: PHYSICAL AND CHEMICALPROPERTIES**

## Information on basic physical and chemicalproperties

|  |
| --- |
|  |
| **Physicalstate** liquid |
| **Appearance** No information |
| **Odor** No information |
| **Color white** |
| **OdorThreshold** No information |
| **pHvalue** Noinformation**Meltingpoint/freezingpoint** Noinformation**Boiling point /boilingrange** 56.05 °C /133°F**flashpoint** -17 °C / 1°F |
| **Evaporationrate** No information |
| **Flammability(solid,gas)** No information |
| Flammability Limit inAir |
| **Upperflammabilitylimit:** Noinformation**Lowerflammabilitylimit:** Noinformation |
| **VaporPressure** No information |
| **Vapordensity** No information |
| Density (lbs perUSgallon) 10.4 |
| **Specificgravity 1.2** |
| **Solubility (ies)** No information |
| **Partitioncoefficient** Noinformation**Auto ignitiontemperature** Noinformation**Decompositiontemperature** Noinformation**Kinematicviscosity** No information |
| **Dynamicviscosity** No information |

## Otherinformation

**Section 11: STABILITY ANDREACTIVITY**

**Reactivity**

* No informationavailable.

**Chemicalstability**

* Stable undernormal conditions.

**Possibility of Hazardous Reactions**

* None under normal processing.

**Hazardouspolymerization**

* None under normalprocessing.

**Conditionstoavoid**

* Heat, flames andsparks.

**Incompatiblematerials**

* Bases. Strong oxidizing agents.Acids.

**Hazardous Decomposition Products**

* Carbon monoxide. Carbon dioxide (CO2). Nitrogen oxides (NOx). Chlorine.

**Section 12: TOXICOLOGICALINFORMATION**

## Information on likely routes ofexposure

**Eyecontact**

* Causes serious eyeirritation

**Skin Contact**

* Causes Skin irritation.

**Ingestion**

* Notapplicable

## Inhalation

* May cause drowsiness ordizziness

## Numerical measures of toxicity - ComponentInformation

|  |  |  |  |
| --- | --- | --- | --- |
| **ChemicalName** | **OralLD50** | **DermalLD50** | **InhalationLC50** |
| Acetone 67-64-1 | - | - | = 50100 mg/m3 ( Rat ) 8h |
| Xylene)-1330-20-7 | = 4.3 g/kg ( Rat) | = 14.1 g/kg  | = 4,544 mg/L ( Rat ) 4h |
| 2-Butoxyethanol 111-76-2 | = 470 mg/kg ( Rat) | = 99 mg/kg ( Rabbit) | = 450 ppm ( Rat ) 4h |

**Numerical measures of toxicity - ProductInformation**

**The following values are calculated based on chapter 3.1 of the GHS document.**

**ATE mix(oral)**

 10580Mg/kg

**ATE mix(dermal)**

 23275Mg/kg

**ATE mix(inhalation-dust/mist)**

31.7mg/l

**ATE mix(inhalation-vapor)**

233mg/l

**UNKNOWNACUTETOXICITY**

* 0% of the mixture consists of ingredient(s) of unknowntoxicity.

## Delayed and immediate effects as well as chronic effects from short and long-termexposure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ChemicalName** | **ACGIH** | **IARC** | **NTP** | **OSHA** |
| 2-Butoxyethanol111-76-2 | A3 |  |  |  |

***ACGIH (American Conference of Governmental IndustrialHygienists)***

*A3 - AnimalCarcinogen.*

**Skincorrosion/irritation**

* Causesskinirritation

**Serious eyedamage/eyeirritation**

* Causes seriouseyeirritation

**Skinsensitization**

* Notapplicable

**Respiratorysensitization**

* Notapplicable

**Germcellmutagenicity**

* Notapplicable

**Carcinogenicity**

* Notapplicable

**ReproductiveToxicity**

* Notapplicable

**Specific target organ toxicity (single)**

* May cause drowsiness ordizziness

**Specific targetorgantoxicity(repeatedexposure)**

Notapplicable

**Aspirationhazard**

* Notapplicable

**Section 13: ECOLOGICALINFORMATION**

## Eco toxicity

* Environmentalprecautions, Prevent product from enteringdrains.

## Persistence anddegradability

* No informationavailable

## Bioaccumulation

* No informationavailable

## Mobility

* No informationavailable

**Otheradverseeffects**

* No informationavailable

**Section 14: TRANSPORTINFORMATION**

**DOT IMDG IATA**

**UN/IDno** UN1263 UN1263 UN1263

**Propershippingname**Paint Paint Paint

**HazardClass** 3 3 3

**PackingGroup** II II II

**Environmental hazard** Notapplicable

**SpecialProvisions**

149, B52, IB2, T4, TP1, TP8,TP28

**Emergency ResponseGuide Number**

128

163

**EmS-No**

F-E,S-E

A3,A72

**Transport in bulk according to Annex II of MARPOL 73/78 and theIBCCode**No informationavailable

**Section 15: REGULATORYINFORMATION**

# InternationalInventories

**TSCA** - United States Toxic Substances Control Act Section8(b)Inventory

All components are listed orexempt from listing.

**DSL** - Canadian DomesticSubstancesList

All components are listedorexemptfromlisting

# US FederalRegulations

|  |  |
| --- | --- |
| **ChemicalName** | **TSCA - Toxic Substances Control Act, Section 12(b)Export Notification** |
| Xylene –1330-20-7 | Section4 |

|  |  |  |
| --- | --- | --- |
| **ChemicalName** | **SARA 313 - Threshold Values%** | **Hazardous air pollutants (HAPs)content** |
| 2-Butoxyethanol111-76-23 -5 | 1 |  |

## SARA 311/312 HazardCategories

* **Acutehealthhazard** Yes
* **ChronicHealthHazard** No
* **Firehazard** Yes
* **Sudden release ofpressurehazard** No
* **ReactiveHazard** No

|  |  |  |  |
| --- | --- | --- | --- |
| **ChemicalName** | **Hazardous SubstancesRQs** | **CERCLA/SARARQ** | **Reportable Quantity(RQ)** |
| Acetone 67-64-1 | 5000lb |  | RQ 5000 lb final RQ RQ 2270 kg finalRQ |

**US StateRegulations**

**Rule 66 status ofproduct**

* Not photo chemicallyreactive.

## California Proposition65

* WARNING! This product contains a chemical known in the State of California to causecancer.

## U.S. EPA Labelinformation

* **EPA Pesticide registration number** Notapplicable

## U.S. State Right-to-KnowRegulations

|  |
| --- |
| ChemicalName |
| Acetone 67-64-1 |
|  Xylene 98-56-6 |
| CellulosicPolymer |
| 2-Butoxyethanol 111-76-2 |
| Proprietary Non-Hazardous Ingredient - ProprietaryCAS |

**Section 16: OTHERINFORMATION**

## HMIS

## Healthhazards 2

## Flammability 3

## Physicalhazards 0

## PersonalProtection X

**Supplier Address**

Vanderbuild

1203 E. 58th Place Los Angeles, CA 90001

**PreparedBy** V.K

**Revisiondate** 09/23/2015

## Disclaimer

## The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside of MC Crystal knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications.UNLESS MC Crystal AGREES OTHERWISE IN WRITING, MC Crystal MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. MC Crystal WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIALDAMAGES.

**End of Safety DataSheet**