



## SAFETY DATA SHEET

### 227-72XX PU METALUX METALLIC EFFECT TOP COAT (5+1)

Commission Regulation (EU) No 2015/830 of 28 May 2015.

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

**Product name** 227-72XX PU METALUX METALLIC EFFECT TOP COAT (5+1)  
**Chemical name** PU VARIOUS METALLIC EFFECT COLOURS (GOLD, SILVER, ETC)  
**Product number** 227-72XX

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

**Identified uses** Wood Coating

##### 1.3. Details of the supplier of the safety data sheet

**Supplier** KUBILAY KIMYA VE BOYA SAN.TIC.LTD.STI.  
 Aliağa Organize Sanayi Bölgesi  
 113 Sok. No:6  
 35800 Aliağa / İzmir  
 TURKEY

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 (Certificate No:GBF01.28.10)

**Manufacturer** KUBILAY KIMYA VE BOYA SAN.TIC.LTD.STI.  
 Aliağa Organize Sanayi Bölgesi  
 113 Sok. No:6  
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 TURKEY

Tel: +90 232 621 50 01  
 info@kubilayboya.com  
 www.kubilayboya.com

##### 1.4. Emergency telephone number

**Emergency telephone** KUBILAY BOYA : +90 232 621 50 01 (office hours)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Flam. Liq. 2 - H225  
**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361 STOT SE 3 - H336 STOT RE 2 - H373  
**Environmental hazards** Not Classified

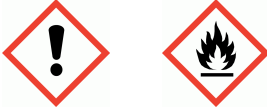
## 227-72XX PU METALUX METALLIC EFFECT TOP COAT (5+1)

### Human health

Vapours and spray/mists in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting. The product is irritating to eyes and skin.

### 2.2. Label elements

#### Hazard pictograms



#### Signal word

Danger

#### Hazard statements

H225 Highly flammable liquid and vapour.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H361 Suspected of damaging fertility or the unborn child.  
 H336 May cause drowsiness or dizziness.  
 H373 May cause damage to organs through prolonged or repeated exposure.

#### Precautionary statements

P102 Keep out of reach of children.  
 P201 Obtain special instructions before use.  
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P243 Take action to prevent static discharges.  
 P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
 P270 Do not eat, drink or smoke when using this product.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P501 Dispose of contents/ container in accordance with national regulations.

#### Contains

Acetone, n-butyl acetate, Toluene, Iso-butanol, Ethyl acetate

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Acetone</b>	<b>20-25%</b>
CAS number: 67-64-1	EC number: 200-662-2
<b>Classification</b>	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

## 227-72XX PU METALUX METALLIC EFFECT TOP COAT (5+1)

<b>n-butyl acetate</b>	<b>10-20%</b>
CAS number: 123-86-4	EC number: 204-658-1
<b>Classification</b>	
Flam. Liq. 3 - H226	
STOT SE 3 - H336	
<b>Toluene</b>	<b>10-20%</b>
CAS number: 108-88-3	EC number: 203-625-9
<b>Classification</b>	
Flam. Liq. 2 - H225	
Skin Irrit. 2 - H315	
Repr. 2 - H361	
STOT SE 3 - H336	
STOT RE 2 - H373	
Asp. Tox. 1 - H304	
<b>Xylene</b>	<b>5-10%</b>
CAS number: 1330-20-7	EC number: 215-535-7
<b>Classification</b>	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
<b>2-methoxy-1-methylethyl acetate</b>	<b>1-5%</b>
CAS number: 108-65-6	EC number: 203-603-9
<b>Classification</b>	
Flam. Liq. 3 - H226	
<b>Iso-butanol</b>	
<b>Iso-butanol</b>	<b>1-5%</b>
CAS number: 78-83-1	EC number: 201-148-0
<b>Classification</b>	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
STOT SE 3 - H335, H336	
<b>Ethyl acetate</b>	<b>1-5%</b>
CAS number: 141-78-6	EC number: 205-500-4
<b>Classification</b>	
Flam. Liq. 2 - H225	
STOT SE 3 - H336	

## 227-72XX PU METALUX METALLIC EFFECT TOP COAT (5+1)

The full text for all hazard statements is displayed in Section 16.

**Composition comments** The data shown are in accordance with the latest EC Directives.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
<b>Inhalation</b>	Place unconscious person on their side in the recovery position and ensure breathing can take place. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Keep affected person under observation. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.
<b>Skin contact</b>	Immediately remove contaminated clothing. Rinse immediately with plenty of water. Remove contaminated clothing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	Vapours may cause headache, fatigue, dizziness and nausea.
<b>Ingestion</b>	May cause stomach pain or vomiting.
<b>Skin contact</b>	Severe irritation.
<b>Eye contact</b>	Redness. Severe irritation.

#### 4.3. Indication of any immediate medical attention and special treatment needed

**Notes for the doctor** No specific recommendations. Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with the following media: Water spray, fog or mist. Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Risk of explosion if heated. Toxic gases or vapours.

#### 5.3. Advice for firefighters

**Protective actions during firefighting** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and watercourses. Move containers from fire area if it can be done without risk.

## 227-72XX PU METALUX METALLIC EFFECT TOP COAT (5+1)

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Wear fire/flame resistant/retardant clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Keep unnecessary and unprotected personnel away from the spillage. Do not touch or walk into spilled material. No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapours and contact with skin and eyes. Ensure procedures and training for emergency decontamination and disposal are in place.

#### 6.2. Environmental precautions

**Environmental precautions** Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Avoid discharge into drains or watercourses or onto the ground.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Keep combustible materials away from spillage. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Do not touch or walk into spilled material. Small Spillages: Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Wear protective clothing, gloves, eye and face protection. Keep away from heat, sparks and open flame. Do not get in eyes, on skin, or on clothing. Provide adequate ventilation. Avoid breathing vapour/spray. Use approved respirator if air contamination is above an acceptable level. Eye wash facilities and emergency shower must be available when handling this product. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep away from oxidising materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Keep away from food, drink and animal feeding stuffs.

**Storage class** Flammable liquid storage.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

**Acetone**

## 227-72XX PU METALUX METALLIC EFFECT TOP COAT (5+1)

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

### **n-butyl acetate**

Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 200 ppm 966 mg/m<sup>3</sup>

### **Toluene**

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 191 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 150 ppm(Sk) 574 mg/m<sup>3</sup>(Sk)

### **Xylene**

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 220 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 441 mg/m<sup>3</sup>(Sk)

### **2-methoxy-1-methylethyl acetate**

Long-term exposure limit (8-hour TWA): WEL 50 ppm 274 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 548 mg/m<sup>3</sup>

Sk

### **Iso-butanol**

Long-term exposure limit (8-hour TWA): WEL 50 ppm 154 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 75 ppm 231 mg/m<sup>3</sup>

### **Ethyl acetate**

Long-term exposure limit (8-hour TWA): WEL 200 ppm

Short-term exposure limit (15-minute): WEL 400 ppm

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

### **Ingredient comments**

WEL = Workplace Exposure Limits

### **Acetone (CAS: 67-64-1)**

#### **DNEL**

Workers - Inhalation; Short term local effects: 1000 ppm

Workers - Dermal; Long term : 186 mg/kg

Workers - Inhalation; Long term : 500 ppm

Consumer - Dermal; Long term : 62 mg/kg

Consumer - Inhalation; Long term : 200 mg/m<sup>3</sup>

Consumer - Oral; Long term : 32 mg/kg

#### **PNEC**

Fresh water; 10.6 mg/l

marine water; 1.06 mg/l

Sediment (Freshwater); 30.4 mg/kg

Sediment (Marinewater); 3.04 mg/kg

Soil; 29.5 mg/kg

### **n-butyl acetate (CAS: 123-86-4)**

## 227-72XX PU METALUX METALLIC EFFECT TOP COAT (5+1)

<b>DNEL</b>	Workers - Inhalation; Short term systemic effects: 960 mg/m <sup>3</sup>
	Workers - Inhalation; Short term local effects: 960 mg/m <sup>3</sup>
	Workers - Inhalation; Long term systemic effects: 480 mg/m <sup>3</sup>
	Workers - Inhalation; Long term local effects: 480 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 7 mg/kg/day
	General population - Dermal; Long term systemic effects: 3,4 mg/kg/day
	General population - Inhalation; Long term systemic effects: 12 mg/m <sup>3</sup>
	General population - Oral; Long term systemic effects: 3,4 mg/kg/day
	Consumer - Inhalation; Short term systemic effects: 860 mg/m <sup>3</sup>
	Consumer - Inhalation; Short term local effects: 860 mg/m <sup>3</sup>
	Consumer - Inhalation; Long term systemic effects: 102 mg/m <sup>3</sup>
	Consumer - Inhalation; Long term local effects: 102 mg/m <sup>3</sup>
	<b>PNEC</b>
marine water; 0,018 mg/l	
Intermittent release; 0,36 mg/l	
Sediment (Freshwater); 0,981 mg/kg	
Sediment (Marinewater); 0,0981 mg/kg	
Soil; 0,0903 mg/kg/day	
STP; 35,6 mg/l	

### Toluene (CAS: 108-88-3)

<b>DNEL</b>	Industry - Inhalation; Short term systemic effects: 384 mg/m <sup>3</sup>
	Consumer - Inhalation; Short term systemic effects: 226 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 384 mg/kg/day
	Consumer - Dermal; Long term systemic effects: 226 mg/kg
	Workers - Oral; Long term systemic effects: 192 mg/kg
Consumer - Oral; Long term systemic effects: 8,13 mg/kg	
<b>PNEC</b>	Fresh water; 0,68 mg/l
	marine water; 0,68 mg/l
	Water, Intermittent release; 0,68 mg/kg
	Sediment (Marinewater); 16,39 mg/kg
	STP; 13,61 mg/l

### Xylene (CAS: 1330-20-7)

<b>DNEL</b>	Workers - Dermal; Short term systemic effects: 442 mg/kg/day
	Workers - Dermal; Long term systemic effects: 221 mg/kg/day
<b>PNEC</b>	Fresh water; 0,327 mg/l
	Sediment (Freshwater); 12,46 mg/kg
	Soil; 2,31 mg/kg
	marine water; 0,327 mg/l
	Sediment (Marinewater); 12,46 mg/kg
	STP; 6,58 mg/l

### 2-methoxy-1-methylethyl acetate (CAS: 108-65-6)

<b>DNEL</b>	Workers - Dermal; Long term systemic effects: 153,5 mg/kg/day
	Workers - Inhalation; Long term systemic effects: 275 mg/m <sup>3</sup>
	Consumer - Dermal; Long term systemic effects: 54,8 mg/kg/day
	Consumer - Inhalation; Long term systemic effects: 33 mg/m <sup>3</sup>
	Consumer - Oral; Long term systemic effects: 1,67 mg/kg/day

## 227-72XX PU METALUX METALLIC EFFECT TOP COAT (5+1)

### PNEC

Fresh water; 0,635 mg/l  
 marine water; 0,0635 mg/l  
 Sediment (Freshwater); 3,29 mg/kg  
 Sediment (Marinewater); 0,329 mg/kg  
 Soil; 0,29 mg/kg

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients. All handling should only take place in well-ventilated areas.

#### Eye/face protection

Wear chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.

#### Hand protection

Wear protective gloves made of the following material: Neoprene. Nitrile rubber. Rubber (natural, latex).  
 The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374.

#### Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear apron or protective clothing in case of contact.

#### Hygiene measures

Eye wash facilities and emergency shower must be available when handling this product. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

#### Respiratory protection

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Gas and combination filter cartridges should comply with European Standard EN14387.

#### Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. Keep container tightly sealed when not in use.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Appearance	Slightly viscous liquid.
Colour	Various colours.
Odour	Characteristic.
Odour threshold	No information available.
Melting point	No information available.
Initial boiling point and range	>35°C @ mm Hg
Flash point	< 23°C
Flammability (solid, gas)	No information available.



## 227-72XX PU METALUX METALLIC EFFECT TOP COAT (5+1)

<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.
<b>Relative density</b>	No information available.
<b>Bulk density</b>	0,95 ± 0,05 g/cm <sup>3</sup> , 20°C
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	65-120 sec, D4/20 @ °C
<b>Explosive properties</b>	There are no chemical groups present in the product that are associated with explosive properties.
<b>Oxidising properties</b>	There are no chemical groups present in the product that are associated with oxidising properties.

### 9.2. Other information

**Other information** Not available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not known. No potentially hazardous reactions known.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidising agents.

### 10.5. Incompatible materials

**Materials to avoid** Oxidising agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - dermal

**ATE dermal (mg/kg)** 17,295.6

#### Acute toxicity - inhalation

## 227-72XX PU METALUX METALLIC EFFECT TOP COAT (5+1)

<b>ATE inhalation (gases ppm)</b>	70,754.72
<b>ATE inhalation (vapours mg/l)</b>	172.96
<b>ATE inhalation (dusts/mists mg/l)</b>	23.58
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Based on available data the classification criteria are not met.
<b>Genotoxicity - in vivo</b>	Based on available data the classification criteria are not met.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Based on available data the classification criteria are not met.
<b>General information</b>	
	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.
<b>Inhalation</b>	
	Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing. Harmful by inhalation.
<b>Ingestion</b>	
	Gastrointestinal symptoms, including upset stomach.
<b>Skin contact</b>	
	Product has a defatting effect on skin. May cause allergic contact eczema. Irritating to skin. Harmful in contact with skin.
<b>Eye contact</b>	
	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.
<b>Route of exposure</b>	
	Inhalation Skin absorption
<b>Medical symptoms</b>	
	Irritation of eyes and mucous membranes.

### SECTION 12: Ecological information

<b>Ecotoxicity</b>	The product is not expected to be hazardous to the environment. However, large or frequent spills may have hazardous effects on the environment.
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## 227-72XX PU METALUX METALLIC EFFECT TOP COAT (5+1)

### 12.1. Toxicity

**Toxicity** No information available.

### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** No information available.

### 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** Not known. Not determined.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Containers should be thoroughly emptied before disposal because of the risk of an explosion. Absorb in vermiculite, dry sand or earth and place into containers. Dispose of waste via a licensed waste disposal contractor.

## SECTION 14: Transport information

### 14.1. UN number

**UN No. (ADR/RID)** 1263

**UN No. (IMDG)** 1263

**UN No. (ICAO)** 1263

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** PAINT RELATED MATERIAL

**Proper shipping name (IMDG)** PAINT RELATED MATERIAL

**Proper shipping name (ICAO)** PAINT RELATED MATERIAL

**Proper shipping name (ADN)** PAINT RELATED MATERIAL

### 14.3. Transport hazard class(es)

**ADR/RID class** 3

**IMDG class** 3

**ICAO class/division** 3

## 227-72XX PU METALUX METALLIC EFFECT TOP COAT (5+1)

### Transport labels



#### 14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

#### 14.6. Special precautions for user

Hazard Identification Number 33  
(ADR/RID)

Tunnel restriction code (D/E)

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78  
and the IBC Code Not applicable.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>National regulations</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). EH40/2005 Workplace exposure limits. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
<b>EU legislation</b>	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

## 227-72XX PU METALUX METALLIC EFFECT TOP COAT (5+1)

<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</p> <p>IATA: International Air Transport Association.</p> <p>IMDG: International Maritime Dangerous Goods.</p> <p>CAS: Chemical Abstracts Service.</p> <p>EC<sub>50</sub>: 50% of maximal Effective Concentration.</p> <p>LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.</p> <p>LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).</p> <p>ATE: Acute Toxicity Estimate.</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p>
<b>Key literature references and sources for data</b>	<p>This SDS is prepared based on the information received from the product raw material.</p> <p>Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a></p>
<b>Revision comments</b>	<p>This is the first issue.</p>
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<b>SDS number</b>	<p>20534</p>
<b>Hazard statements in full</b>	<p>H225 Highly flammable liquid and vapour.</p> <p>H226 Flammable liquid and vapour.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H312 Harmful in contact with skin.</p> <p>H315 Causes skin irritation.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>H332 Harmful if inhaled.</p> <p>H335 May cause respiratory irritation.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>H361 Suspected of damaging fertility or the unborn child.</p> <p>H361 Suspected of damaging fertility or the unborn child if swallowed.</p> <p>H373 May cause damage to organs through prolonged or repeated exposure.</p>

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