1. Identification of the substance/mixture and of the company/undertaking

Product name	6 GLOSS UV EDGEBANDING TOPCOAT	
Product code	KPF0330	Formula date: 2019-01-25
Intended use	Coating for professional use	
Supplier	Axalta Coating Systems Canada Company 408 Fairall Street, Ajax, ON L1S 1R6	
Manufacturer	Axalta Coating Systems Canada Company 1915 Second St. W. CA Cornwall, Ontario K6H 5R6	
Telephone	Product information Medical emergency Transportation emergency	(855) 6-AXALTA (855) 274-5698 (800) 424-9300 (CHEMTREC)
Chemical Family	No data available.	

2. Hazards identification

This product is considered hazardous based on GHS classification criteria.

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitisation	Category 1
Carcinogenicity	Category 1A
Toxicity for reproduction	Category 2

Endpoints which are “not classified”, cannot be classified or are not applicable are not shown.

Label elements

Pictograms

Signal word: Danger

Hazard statements

Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
May cause cancer.
Suspected of damaging fertility or the unborn child.

Precautionary statements

Obtain special instructions before use.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/ attention.

Specific treatment (see supplemental first aid instructions on this label).
If skin irritation or rash occurs: Get medical advice/ attention.
If eye irritation persists: Get medical advice/ attention.
Store locked up.
Dispose of contents/container in accordance with local regulations.
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
Take off immediately all contaminated clothing and wash it before reuse.

Other hazards which do not result in classification
Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity:
7.8 %

3. Composition/information on ingredients

Mixture of synthetic resins, pigments, and solvents

Components

CAS-No.	Chemical name	Concentration
28961-43-5	Acrylic resins, curing by radiation	15 - 40%
13048-33-4	1,6 hexanediol diacrylate	10 - 30%
7473-98-5	2-hydroxy-2-methylpropiophenone	1 - 5%
2156-96-9	Decyl acrylate	1 - 5%
2499-59-4	Octyl acrylate	1 - 5%
75980-60-8	2,4,6 trimethylbenzoyldiphenyl phosphine oxide	0.5 - 1.5%
8002-74-2	Paraffin wax	0.5 - 1.5%
14808-60-7	Quartz-crystalline silica	0.1 - 1.0%
1330-20-7	Xylene	0.1 - 1.0%

Actual concentration ranges withheld as a trade secret.

4. First aid measures

Eye contact
Remove contact lenses. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Seek medical advice. In case of accidental eye contact avoid concurrent exposure to the sun or other sources of UV light which may increase the sensitivity of eye.

Skin contact
Do NOT use solvents or thinners. Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. If skin irritation persists, call a physician. In case of accidental skin contact avoid concurrent exposure to the sun or other sources of UV light which may increase the sensitivity of skin.

Inhalation
Avoid inhalation of vapour or mist. Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

Ingestion
If swallowed, seek medical advice immediately and show this safety data sheet (SDS) or product label. Do NOT induce vomiting. Keep at rest.

Most Important Symptoms/effects, acute and delayed

Inhalation
May cause nose and throat irritation. May cause nervous system depression characterized by the following progressive steps: headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Ingestion
May result in gastrointestinal distress.

Skin or eye contact
May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis.

Indication of Immediate medical attention and special treatment needed if necessary
No data available on the product. See section 3 and 11 for hazardous ingredients found in the product.

5. Firefighting measures

Suitable extinguishing media
Universal aqueous film-forming foam, Carbon dioxide (CO2), Dry chemical

Extinguishing media which shall not be used for safety reasons
High volume water jet

Hazardous combustion products
CO, CO2, smoke, and oxides of any heavy metals that are reported in “Composition, Information on Ingredients” section.

Fire and Explosion Hazards
No data available

Special Protective Equipment and Fire Fighting Procedures
Full protective flameproof clothing should be worn as appropriate. Wear self-contained breathing apparatus for firefighting if necessary. In the event of fire, cool tanks with water spray. Do not allow run-off from fire fighting to enter public sewer systems or public waterways.

6. Accidental release measures

Procedures for cleaning up spills or leaks
Ventilate area. If heated above the flashpoint, remove sources of ignition. Prevent skin and eye contact and breathing of vapor. Wear a properly fitted air-purifying respirator with organic vapor cartridges (NIOSH approved TC-23C), eye protection, gloves and protective clothing. Confine, remove with inert absorbent, and dispose of properly.

Environmental precautions
Do not let product enter drains. Notify the respective authorities in accordance with local law in the case of contamination of rivers, lakes or waste water systems.

7. Handling and storage

Precautions for safe handling

Observe label precautions. Close container after each use. If heated above its flash point, this must be handled as if it were a flammable liquid. Do not transfer contents to bottles or unlabeled containers. Wash thoroughly after handling and before eating or smoking. Do not freeze. If material is a coating: do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation , and gloves. Combustible dust clouds may be created where operations produce fine material (dust). Avoid formation of significant deposits of material as they may become airborne and form combustible dust clouds. Build up of fine material should be cleaned using gentle sweeping or vacuuming in accordance with best practices. Cleaning methods (e.g. compressed air) which can generate potentially combustible dust clouds should not be used.

Advice on protection against fire and explosion
Solvent vapours are heavier than air and may spread along floors. Vapors may form explosive mixtures with air and will burn when an ignition source is present. Always keep in containers of same material as the original one. Never use pressure to empty container: container is not a pressure vessel. The accumulation of contaminated rags may result in spontaneous combustion. Good housekeeping standards and regular safe removal of waste materials will minimize the risks of spontaneous combustion and other fire hazards.

Storage

Requirements for storage areas and containers
Observe label precautions. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Advice on common storage
Store separately from oxidizing agents and strongly alkaline and strongly acidic materials.

8. Exposure controls/personal protection

Engineering controls and work practices
Provide adequate ventilation.This should be achieved by a good general extraction and -if practically feasible- by the use of a local exhaust ventilation.If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

National occupational exposure limits

CAS-No.	Chemical name	Source	Time	Type	Value	Note
8002-74-2	Paraffin wax	ACGIH		TWA	2 mg/m3	Fumes
		OSHA		TWA	2 mg/m3	Fumes
14808-60-7	Quartz-crystalline silica	OSHA	8 hr	TWA	0.3 mg/m3	Total Dust
		OSHA	8 hr	TWA	50 ug/m3	Respirable Dust
1330-20-7	Xylene	ACGIH	15 min	STEL	150 ppm	
		ACGIH	8 hr	TWA	100 ppm	
		OSHA	8 hr	TWA	100 ppm	

Glossary

CEIL	Ceiling exposure limit
STEL	Short term exposure limit
TWA	Time weighted average
TWAE	Time-Weighted Average

Protective equipment
Personal protective equipment should be worn to prevent contact with eyes, skin or clothing.

Respiratory protection
Do not breathe vapours or mists. Wear an appropriate, properly fitted NIOSH approved respirator during application and until all vapours and spray mists are exhausted unless air monitoring demonstrates vapour/mist levels are below applicable limits. If respirators are required, use a properly fitted air-purifying respirator with organic vapour cartridges (NIOSH approved TC-23C) and particulate filter (NIOSH TC-84A). In confined spaces, or in situations where continuous spray operations are typical, or if proper air-purifying respirator fit is not possible, wear a positive pressure, supplied-air respirator (NIOSH TC-19C). In all cases, follow respirator manufacturer's directions for respirator use.

Eye protection
Desirable in all industrial situations. Goggles are preferred to prevent eye irritation. If safety glasses are substituted, include splash guard or side shields.

Skin and body protection
Choose skin and body protection as appropriate for the concentration and quantity of hazardous substances, and to the specific work-place practices.

Hygiene measures
Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Environmental exposure controls
Do not let product enter drains.

9. Physical and chemical properties

Appearance

Form: liquid **Colour:**

Flash point	100 °C	
Lower Explosive Limit	Not applicable.	
Upper Explosive Limit	Not applicable.	
Evaporation rate	Slower than Ether	
Vapor pressure of principal solvent	0.0 hPa	
Solubility of Solvent In Water	moderate	
Vapor density of principal solvent (Air = 1)	Not applicable.	
Approx. Boiling Range	Not applicable.	
Approx. Freezing Range	4 – 90 °C	
Gallon Weight (lbs/gal)	9.83	
Specific Gravity	1.18	
Percent Volatile By Volume	0.86%	
Percent Volatile By Weight	0.69%	
Percent Solids By Volume	99.14%	
Percent Solids By Weight	99.31%	
pH (waterborne systems only)	Not applicable.	
Partition coefficient: n-octanol/water	No data available	
Ignition temperature	265 °C	DIN 51794
Decomposition temperature	Not applicable.	
Viscosity (23 °C)	Not applicable.	ISO 2431-1993

10. Stability and reactivity

Stability

Stable

Conditions to avoid

Stable under recommended storage and handling conditions (see section 7).

Materials to avoid

Keep away free radical initiators, peroxides, strong alkalis or reactive metals to avoid exothermic polymerization reactions.

Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

Hazardous Polymerization

Will not occur.

Sensitivity to Static Discharge

If heated above the flash point, solvent vapors in air may explode if static grounding and bonding is not used during transfer of this product.

Sensitivity to Mechanical Impact

None known.

11. Toxicological information

Information on likely routes of exposure

Inhalation
May cause nose and throat irritation. May cause nervous system depression characterized by the following progressive steps: headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Ingestion
May result in gastrointestinal distress.

Skin or eye contact
May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis.

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

Acute oral toxicity
not hazardous

Acute dermal toxicity
not hazardous

Acute inhalation toxicity
not hazardous

% of unknown composition: 7.8 %

Skin corrosion/irritation

1,6 hexanediol diacrylate	Category 2
Decyl acrylate	Category 2
Octyl acrylate	Category 2
Xylene	Category 2

Serious eye damage/eye irritation

Acrylic resins, curing by radiation	Category 2A
1,6 hexanediol diacrylate	Category 2A
Decyl acrylate	Category 2A
Octyl acrylate	Category 2A
Paraffin wax	Category 2B

Xylene	Category 2A

Respiratory sensitisation
Not classified according to GHS criteria

Skin sensitisation

Acrylic resins, curing by radiation	Category 1
1,6 hexanediol diacrylate	Category 1
Octyl acrylate	Category 1
2,4,6 trimethylbenzoyldiphenyl phosphine oxide	Category 1B

Germ cell mutagenicity
Not classified according to GHS criteria

Carcinogenicity

Quartz-crystalline silica	Category 1A

Toxicity for reproduction

2,4,6 trimethylbenzoyldiphenyl phosphine oxide	Category 2

Target Organ Systemic Toxicant - Single exposure
Not classified according to GHS criteria

Target Organ Systemic Toxicant - Repeated exposure
Not classified according to GHS criteria

Aspiration toxicity
Not classified according to GHS criteria

Numerical measures of toxicity (acute toxicity estimation (ATE),etc.)
No information available.

Symptoms related to the physical, chemical and toxicological characteristics
No information available.

12. Ecological information

There are no data available on the product itself. The product should not be allowed to enter drains or watercourses.

13. Disposal considerations

Provincial Waste Classification
Check appropriate provincial and local waste disposal regulations for proper classifications.

Waste Disposal Method
Do not allow material to contaminate ground water systems. Incinerate or otherwise dispose of waste material in accordance with Federal, State, Provincial, and local requirements. Do not incinerate in closed containers.

14. Transport information

Not classified as dangerous in the meaning of transport regulations.

Matters needing attention for transportation
Confirm that there is no breakage, corrosion, or leakage from the container before shipping. Be sure to prevent damage to cargo by loading so as to avoid falling, dropping, or collapse. Ship in appropriate containers with denotation of the content in accordance with the relevant statutes and rules.

15. Regulatory information

TSCA Status
In compliance with TSCA Inventory requirements for commercial purposes.

DSL Status
Product is not DSL listed because one or more ingredients are not on the DSL inventory.

Photochemical Reactivity
Photochemically reactive

Regulatory information

		EPCRA					CERCLA	CAA
CAS #	Ingredient	302	TPQ	RQ	311/312	313	RQ(lbs)	HAP
28961-43-5	Acrylic resins, curing by radiation	N	NR	NR	NA	N	NR	N
13048-33-4	1,6 hexanediol diacrylate	N	NR	NR	C	N	NR	N
7473-98-5	2-hydroxy-2-methylpropiophenone	N	NR	NR	NA	N	NR	N
2156-96-9	Decyl acrylate	N	NR	NR	A,R	N	NR	N
2499-59-4	Octyl acrylate	N	NR	NR	A,R	N	NR	N
75980-60-8	2,4,6 trimethylbenzoyldiphenyl phosphine oxide	N	NR	NR	NA	N	NR	N
8002-74-2	Paraffin wax	N	NR	NR	A,C,F,N,P,R	N	NR	N
14808-60-7	Quartz-crystalline silica	N	NR	NR	A,C	N	NR	N
1330-20-7	Xylene	N	NR	NR	A,C,F	Y	100	Y

Key:

EPCRA	Emergency Planning and Community Right-to-know Act (aka Title III, SARA)
302	Extremely hazardous substances
311/312 Categories	F = Fire Hazard R = Reactivity Hazard P = Pressure Related Hazard A = Acute Hazard C = Chronic Hazard
313 Information	Section 313 Supplier Notification - The chemicals listed above with a 'Y' in the 313 column are subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know act of 1986 and of 40 CFR 372.
CERCLA	Comprehensive Emergency Response, Compensation and Liability Act of 1980.
HAP	Listed as a Clean Air Act Hazardous Air Pollutant.
TPQ	Threshold Planning Quantity.
RQ	Reportable Quantity
NA	not available
NR	not regulated

16. Other information

The following ratings are based on the criteria of HMIS© II.
HMIS rating H: 2 F: 1 R: 2

Glossary of Terms:

ACGIH	American Conference of Governmental Industrial Hygienists.
IARC	International Agency for Research on Cancer.
NTP	National Toxicology Program.
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration.
STEL	Short term exposure limit
TWA	Time-weighted average.
PNOR	Particles not otherwise regulated.
PNOC	Particles not otherwise classified.

NOTE: The list (above) of glossary terms may be modified.

Notice from Axalta Coating Systems :
The document reflects information provided to Axalta Coating Systems by its suppliers. Information is accurate to the best of our knowledge and is subject to change as new data is received by Axalta Coating Systems. Persons receiving this information should make their own determination as to its suitability for their purposes prior to use.
The information on this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

SDS prepared by: Axalta Coating Systems Regulatory Affairs

Report version

Version	Changes
3.1	2, 9, 15

Revision Date: 2019-04-03

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