

according to HPR, Schedule 1

Printing date 02/14/2023

Version 3.1

Reviewed on 02/14/2023

Product identifier	
Trade name:	Hardener for 2K Wood Oil (6633)
Article number:	6633
CAS Number:	28182-81-2
NLP Number:	500-060-2
Application of the substand	ce
/ the mixture	Hardening agent/ Curing agent
Details of the supplier of th Manufacturer/Supplier:	e safety data sheet
Supplier	Osmo Wood and Colour Canada Ltd. 8812 51 Ave NW Edmonton AB T6E 5E8 Canada Tel:+1-844-OSMOCAN E-mail: info@osmo.ca
Manufacturer	Osmo Holz und Color GmbH & Co. KG Affhüppen Esch 12 D-48231 Warendorf
Information department:	Product safety department
	Tel.: +49 (0) 251 / 692 - 188
	Fax: +49 (0) 251 / 692 - 462
	e-mail: helmut.starp@osmo.de
Emergency telephone	
number:	24h-Emergency Phone Number:
	For Chemical Emergency, Spill; Leak; Fire Exposure or Accident Call Day or
	Night within USA and Canada 1-800-424-9300
	Outside USA and Canada 001-703-527-3887 (CCN 16475)

Classification of the substa	nce or mixture	
Acute Toxicity (Inhalation) - C	ategory 4	H332 Harmful if inhaled.
Skin Sensitizer - Category 1		H317 May cause an allergic skin reaction.
Specific Target Organ Toxicit Category 3	y - Single Exposure -	H335 May cause respiratory irritation.
Additional information:	For the wording of th	e listed hazard phrases refer to section 16.
Label elements Hazard pictograms		



(Contd. on page 2)



according to HPR, Schedule 1

Printing date 02/14/2023

Version 3.1

	(Contd. of page
Signal word	Warning
Hazard-determining	
components of labeling:	Hexamethylene diisocyanate, oligomers
Hazard statements	H332 Harmful if inhaled.
	H317 May cause an allergic skin reaction.
	H335 May cause respiratory irritation.
Precautionary statements	P260 Do not breathe vapours.
	P262 Do not get in eyes, on skin, or on clothing.
	P271 Use only outdoors or in a well-ventilated area. P301 IF SWALLOWED:
	P301 IF SWALLOWED: P331 Do NOT induce vomiting.
	P304+P340 IF INHALED: Remove person to fresh air and keep comfortable
	for breathing.
	P316 Get emergency medical help immediately. Call a Poison Centre
	P403+P233 Store in a well-ventilated place. Keep container tightly closed.
	P405 Store locked up.
	P501 Dispose of contents/container in accordance with national
	regulations.
Classification system:	
NFPA ratings (scale 0 - 4)	Health = 0 Fire = 1
	Reactivity = 0
HMIS-ratings (scale 0 - 4)	Health $= 1$
	Fire = 1
	Reactivity = 0
Other hazards	Always wear a dust mask when sanding.
	Observe the general safety regulations when handling chemicals.
Composition/Information	on on ingredients
Chamical characterization.	
Chemical characterization: CAS No. Description	28182-81-2 Hexamethylene diisocyanate, oligomers
Identification number(s)	
NLP Number:	500-060-2
Impurities and stabilising a	
822-06-0 hexamethylene-di-is	
	Dermal) – Category 3, H311; Acute Toxicity (Inhalation) - Category 3,
	bry Sensitizer - Category 1, H334; () Acute Toxicity (Oral) - Category 3,
	ion - Category 2, H315; Eye Irritation - Category 2A, H319; Skin
	ry 1, H317; Specific Target Organ Toxicity - Single Exposure -
Sensitizer - Catego	
Category 3, H335	
Category 3, H335	ion limits: Respiratory Sensitizer - Category 1; H334: C ≥ 0.5 % Skin Sensitizer - Category 1; H317: C ≥ 0.5 %

Page 3/13



Safety Data Sheet

according to HPR, Schedule 1

Printing date 02/14/2023

Version 3.1

Reviewed on 02/14/2023

Description:	(Contd. of pag
First-aid measures	
Description of first aid measu	ires
General information:	Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore medi- observation for at least 48 hours after the accident.
After inhalation:	Take affected persons into fresh air and keep quiet. Seek medical treatment in case of complaints. Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
After skin contact:	Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor. If skin irritation or rash occurs: Get medical advice/attention.
After eye contact:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:	Rinse mouth. Seek medical treatment.
Information for doctor: Most important symptoms and effects, both acute and delayed Indication of any immediate medical attention and special	No further relevant information available.
treatment needed	No further relevant information available.
Fire-fighting measures	
Extinguishing media	
Suitable extinguishing	CO2 extinguishing pourder or water enroy. Fight larger first with water enro
agents:	
agents: For safety reasons unsuitable	Use fire fighting measures that suit the environment.
agents: For safety reasons unsuitable extinguishing agents:	Use fire fighting measures that suit the environment.
agents: For safety reasons unsuitable	Use fire fighting measures that suit the environment.
agents: For safety reasons unsuitable extinguishing agents: Special hazards arising from	Water with full jet Isocyanate vapors Nitrogen oxides (NOx)
agents: For safety reasons unsuitable extinguishing agents: Special hazards arising from the substance or mixture	Use fire fighting measures that suit the environment. Water with full jet Isocyanate vapors Nitrogen oxides (NOx) (Traces)

(Contd. on page 4)



according to HPR, Schedule 1

Printing date 02/14/2023

Version 3.1

Reviewed on 02/14/2023

Trade name: Hardener for 2K Wood Oil (6633) (Contd. of page 3) Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system. Cool endangered receptacles with water spray. 6 Accidental release measures Personal precautions, protective equipment and emergency procedures Wear protective clothing. Environmental precautions: Do not allow to enter sewers/ surface or ground water. Methods and material for containment and cleaning up: Remove mechanically; cover residues with moist, liquid-binding material (e.g. sawdust, calcium silicate hydrate-based chemical binder, sand). After about 1 hour, take up in waste container, do not close (CO2 evolution!). Keep moist and leave in a safe place outdoors for several days. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Dispose of the collected material according to regulations. Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information. 7 Handling and storage

Handling:

Precautions for safe handling Spraying requires the extraction of air.

	g spraying requires the extraction of all.	
	The air limit values mentioned in Chapter 8 must be observed. I where aerosols and/or vapours of isocyanates may occur in high	•
	concentrations, targeted air pollution control must be used to av	oid exceeding
	the occupational hygiene limit value. Air movement must be kep people.	•
	The personal protection measures described in Chapter 8 must	be followed.
	When handling isocyanates, the required protective measures n	nust be
	observed. Avoid contact with skin and eyes and inhalation of va	pours.
	Ensure good ventilation/exhaustion at the workplace.	
	Open and handle receptacle with care.	
	Prevent formation of aerosols.	
	Avoid contact with skin and eyes.	
General protective and		
hygienic measures:	Be sure to clean skin thoroughly after work and before breaks. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.	
		(Contd. on page 5



according to HPR, Schedule 1

Printing date 02/14/2023

Version 3.1

Reviewed on 02/14/2023

Trade name: Hardener for 2K Wood Oil (6633) (Contd. of page 4) Avoid contact with the eyes and skin. Do not eat, drink, smoke or sniff while working. Do not carry product impregnated cleaning cloths in trouser pockets. Information about protection against explosions and fires: Fumes can combine with air to form an explosive mixture. Conditions for safe storage, including any incompatibilities Storage: Requirements to be met by storerooms and receptacles: Prevent any seepage into the ground. Store only in the original receptacle. Information about storage in one common storage facility: Store away from foodstuffs. Further information about storage conditions: Store receptacle in a well ventilated area. Store in dry conditions. Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles. TRGS 510 storage class: 12 non-flammable liquids that can not be assigned Storage class: to any other storage class. 10 Specific end use(s) No further relevant information available.

8 Exposure controls/ Personal protection

Control parameters

822-06-0 hexamethylene-di-isocyanate (<0.1%)	
EV (Canada)	TWA: 0.005 ppm Ceiling: 0.02 ppm
TWA (Canada)	TWA: 0.005 ppm Ceiling: 0.01 ppm S(R)
REL (USA)	TWA: 0.035 mg/m³, 0.005 ppm Ceiling: 0.14* mg/m³, 0.02* ppm *10-min
TLV (USA)	TWA: 0.005 ppm BEI

Page 6/13



Safety Data Sheet

according to HPR, Schedule 1

Printing date 02/14/2023

Version 3.1

Reviewed on 02/14/2023

Trade name: Hardener for 2K Wood Oil (6633)

	(Contd. of page
Exposure controls	
Personal protective equipme	ent:
General protective and	
hygienic measures:	Wash hands before breaks and at the end of work.
	Keep away from foodstuffs, beverages and feed.
	Avoid contact with the eyes and skin.
	Immediately remove all soiled and contaminated clothing.
	The usual precautionary measures for handling chemicals should be followe
	Store protective clothing separately.
	Do not eat, drink, smoke or sniff while working.
	See Section 7 for information on safe handling.
Breathing equipment:	In the case of respiratory and skin hypersensitivity (asthma, chronic bronchit
_ caag cquipinona	chronic skin diseases), handling of the product is not recommended.
	Not necessary if room is well-ventilated.
	In case of brief exposure or low pollution use respiratory filter device. In case
	of intensive or longer exposure use respiratory protective device that is
	independent of circulating air.
	Use a properly fitted, air-purifying or air-fed repirator complying with an
Protection of hands:	approved standard if a risk assessment indicates this is necessary.
Protection of nands.	Protective gloves
	The glove material has to be impermeable and resistant to the product/ the
	substance/ the preparation.
	Selection of the glove material on consideration of the penetration times, rate
Matarial of slaves	of diffusion and the degradation
Material of gloves	Butyl rubber, BR
	Fluorocarbon rubber (Viton)
	The selection of the suitable gloves does not only depend on the material, but
	also on further marks of quality and varies from manufacturer to manufacture
Penetration time of glove	
material	The exact break trough time has to be found out by the manufacturer of the
	protective gloves and has to be observed.
For the permanent contact	
gloves made of the following	1
materials are suitable:	chemical resistant gloves (EN 374)
	Butyl rubber, BR
Not suitable are gloves made	9
of the following materials:	Nitrile rubber, NBR
Eye protection:	Face protection
	, Schutzbrille mit Seitenschutz (Gestellbrille) (z.B. EN 166)
Body protection:	Use protective suit.
	Protective work clothing
	(Contd. on page



according to HPR, Schedule 1

Printing date 02/14/2023

Version 3.1

Reviewed on 02/14/2023

Trade name: Hardener for 2K Wood Oil (6633)

(Contd. of page 6)

Information on basic physical and	chemical properties
General Information	
Appearance:	
Form:	Fluid
Color:	Colorless
Odor:	Nearly odorless
Odor threshold:	Not determined.
pH-value:	Not applicable
	Mixture is non-polar/aprotic.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Not applicable
Flash point:	~158 °C (DIN 53213, 28182-81-2 Hexamethylene diisocyanate,
·	oligomers)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	~445 °C (DIN 51794, 28182-81-2 Hexamethylene diisocyanate,
	oligomers)
Decomposition temperature:	Not determined.
Auto igniting:	Not determined.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure at 20 °C:	<0.00003 hPa (EG A4, 28182-81-2 Hexamethylene diisocyanate,
	oligomers)
Density at 20 °C:	~1.17 g/cm³ (DIN 53217)
Relative density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/wa	<i>ter):</i> Not determined.
Viscosity:	
Dynamic at 20 °C:	~1,200 mPas (DIN EN ISO 3219/A.3)
Kinematic:	Not determined.

Page 8/13



Safety Data Sheet

according to HPR, Schedule 1

Printing date 02/14/2023

Version 3.1

	(Contd. of pa
Other information	No further relevant information available.
) Stability and reactivity	/
Reactivity	No further relevant information available.
Chemical stability	
Thermal decomposition /	
conditions to be avoided: Possibility of hazardous	No decomposition if used and stored according to specifications.
reactions	Reacts with alcohols.
	Reacts with amines.
	Decomposes with water, acids and alkalis.
	Exothermic reaction.
	Danger of bursting.
Conditions to avoid	No further relevant information available.
Incompatible materials:	No further relevant information available.
Hazardous decomposition	
products:	No hazardous decomposition products when stored and handled correctly.
Toxicological information	tion
Toxicological informa Information on toxicologic Acute toxicity:	
Information on toxicologic	al effects
Information on toxicologic Acute toxicity:	al effects levant for classification:
Information on toxicologic Acute toxicity: LD/LC50 values that are re	al effects levant for classification:) 1.5 mg/l (rat)
Information on toxicologic Acute toxicity: LD/LC50 values that are real Inhalative ATE-Wert (Nebel)	al effects levant for classification:) 1.5 mg/l (rat)
Information on toxicologic Acute toxicity: LD/LC50 values that are re- Inhalative ATE-Wert (Nebel) 28182-81-2 Hexamethylene	al effects levant for classification:) 1.5 mg/l (rat) e diisocyanate, oligomers
Information on toxicologicAcute toxicity:LD/LC50 values that are realInhalativeATE-Wert (Nebel)28182-81-2 HexamethyleneOralLD50	al effects levant for classification: 1.5 mg/l (rat) diisocyanate, oligomers >2,500 mg/kg (rat) (OECD 423)
Information on toxicologic Acute toxicity: LD/LC50 values that are re- Inhalative ATE-Wert (Nebel) 28182-81-2 Hexamethylene Oral LD50 Dermal LD50	al effects levant for classification: 1.5 mg/l (rat) diisocyanate, oligomers >2,500 mg/kg (rat) (OECD 423) >2,000 mg/kg (rat) (Acute Dermal Toxicity)
Information on toxicologicAcute toxicity:LD/LC50 values that are readerInhalativeATE-Wert (Nebel)28182-81-2 HexamethyleneOralLD50DermalLD50InhalativeLC50 / 4h	al effects levant for classification: 1.5 mg/l (rat) diisocyanate, oligomers >2,500 mg/kg (rat) (OECD 423) >2,000 mg/kg (rat) (Acute Dermal Toxicity)
Information on toxicologic Acute toxicity: LD/LC50 values that are real Inhalative ATE-Wert (Nebel) 28182-81-2 Hexamethylene Oral LD50 Dermal LD50 Inhalative LC50 / 4h Primary irritant effect:	al effects levant for classification: 1.5 mg/l (rat) diisocyanate, oligomers 2,500 mg/kg (rat) (OECD 423) 2,000 mg/kg (rat) (Acute Dermal Toxicity) 11 mg/l (ATE)
Information on toxicologic Acute toxicity: LD/LC50 values that are real Inhalative ATE-Wert (Nebel) 28182-81-2 Hexamethylene Oral LD50 Dermal LD50 Inhalative LC50 / 4h Primary irritant effect: on the skin: 28182-81-2 Hexamethylene	al effects levant for classification: 1.5 mg/l (rat) diisocyanate, oligomers 2,500 mg/kg (rat) (OECD 423) 2,000 mg/kg (rat) (Acute Dermal Toxicity) 11 mg/l (ATE)
Information on toxicologic Acute toxicity: LD/LC50 values that are real Inhalative ATE-Wert (Nebel) 28182-81-2 Hexamethylene Oral LD50 Dermal LD50 Inhalative LC50 / 4h Primary irritant effect: on the skin: 28182-81-2 Hexamethylene	al effects levant for classification: 1.5 mg/l (rat) diisocyanate, oligomers >2,500 mg/kg (rat) (OECD 423) >2,000 mg/kg (rat) (Acute Dermal Toxicity) 11 mg/l (ATE) diisocyanate, oligomers
Information on toxicologic Acute toxicity: LD/LC50 values that are real Inhalative ATE-Wert (Nebel) 28182-81-2 Hexamethylene Oral LD50 Dermal LD50 Inhalative LC50 / 4h Primary irritant effect: on the skin: 28182-81-2 Hexamethylene Dermal LD50 Inhalative LD50 Inhalative Dermal LS0 / 4h Primary irritant effect: on the skin: 28182-81-2 Hexamethylene Dermal	al effects levant for classification: 1.5 mg/l (rat) e diisocyanate, oligomers >2,500 mg/kg (rat) (OECD 423) >2,000 mg/kg (rat) (Acute Dermal Toxicity) 11 mg/l (ATE) e diisocyanate, oligomers bit) (OECD- Prüfrichtlinie 404)
Acute toxicity: LD/LC50 values that are real Inhalative ATE-Wert (Nebel) 28182-81-2 Hexamethylene Oral LD50 Dermal LD50 Inhalative LC50 / 4h Primary irritant effect: on the skin: 28182-81-2 Hexamethylene Inhalative Oral LC50 / 4h Primary irritant effect: Inhalative On the skin: Inhalative Dermal Skin irritation Inhe eye: Inhalative	al effects levant for classification: 1.5 mg/l (rat) e diisocyanate, oligomers >2,500 mg/kg (rat) (OECD 423) >2,000 mg/kg (rat) (Acute Dermal Toxicity) 11 mg/l (ATE) e diisocyanate, oligomers bit) (OECD- Prüfrichtlinie 404)





according to HPR, Schedule 1

Printing date 02/14/2023

Version 3.1

	(Contd. of page
28182-81-2 Hexame	thylene diisocyanate, oligomers
Inhalative Sensibilisi	erung (mouse) (Lokaler Lymphknoten-Test (LLNA))
Other information (a experimental toxico	
Subacute to chronic	
	thylene diisocyanate, oligomers
NOAEL 3.3 mg/Tag	
Additional toxicolog	
information: Carcinogenic categ	Special properties/effects: Over-exposure, especially when spraying coating containing isocyanate without the necessary precautions, entails the risk of concentration-dependent irritating effects on eyes, nose throat, and respirato tract. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible. Hypersensitive persons may suffer from these effects even at low isocyanate concentrations, including concentrations below the UK Workplace Exposure Limit (WEL). Prolonged contact with the skin may cause tanning and irritant effects. May cause an allergic skin reaction.
IARC (International	Agency for Research on Cancer)
None of the ingredier	its is listed.
NTP (National Toxic	cology Program)
None of the ingredier	
None of the ingredier	
None of the ingredier 2 Ecological inform	
	mation
2 Ecological inform Toxicity Aquatic toxicity:	mation
2 Ecological inform Toxicity Aquatic toxicity:	mation Do not allow product to reach ground water, water course or sewage system
2 Ecological inform Toxicity Aquatic toxicity: 28182-81-2 Hexame	<i>mation</i> Do not allow product to reach ground water, water course or sewage system thylene diisocyanate, oligomers
2 Ecological inform Toxicity Aquatic toxicity: 28182-81-2 Hexame EC50 / 48h	Do not allow product to reach ground water, water course or sewage system thylene diisocyanate, oligomers >100 mg/l (Daphnia magna) (OECD- Prüfrichtlinie 202)
2 Ecological inform Toxicity Aquatic toxicity: 28182-81-2 Hexame EC50 / 48h IC50 / 72h LC50 / 96h	Do not allow product to reach ground water, water course or sewage system thylene diisocyanate, oligomers >100 mg/l (Daphnia magna) (OECD- Prüfrichtlinie 202) >1,000 mg/l (algae) (DIN 38412)





according to HPR, Schedule 1

Printing date 02/14/2023

Version 3.1

Reviewed on 02/14/2023

Behavior in environmental	(Contd. of page 1 systems:
Bioaccumulative potential	
28182-81-2 Hexamethylene	diisocyanate, oligomers
log POW ~8.38 (Wert bered	chnet)
Mobility in soil Ecotoxical effects:	No further relevant information available.
Behavior in sewage proces	ssing plants:
28182-81-2 Hexamethylene	e diisocyanate, oligomers
EC0 / 3h >100 mg/l (Daphn	ia magna)
EC50 3,828 mg/l (activat	ted sludge organism) (OECD Guideline for Testing of Chemicals, No.209)
Additional ecological infor	rmation:
General notes: Results of PBT and vPvB a	The resin reacts with water at the interface forming CO2 and a solid insolul product with high melting point (polyurea). This reaction is accelerated by surfactants (e.g. detergents) or by watersoluble solvents. Previous experies shows that polyurea is inert and non-degradable. Water hazard class 1 (Assessment by list): slightly hazardous for water
PBT:	Not applicable.
vPvB:	Not applicable.
Other adverse effects	No further relevant information available.
Disposal consideratio	ns
Waste treatment methods	
Recommendation:	Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.
Uncleaned packagings:	
Recommendation:	Waste treatment methods: After final product withdrawal, all residues must be removed from container (drip-free, powderfree or paste-free). Once the product residues adhering to the walls of the containers have been rendered harmless, the product and hazard labels must be invalidated. These containers can be returned for recycling to the appropriate centres set up within the framework of the exist takeback scheme of the chemical industry. Containers must be recycled in

compliance with national legislation and environmental regulations.

- CA -

(Contd. on page 11)





according to HPR, Schedule 1

Printing date 02/14/2023

Version 3.1

Reviewed on 02/14/2023

	(Contd. of page	ge 1
4 Transport information		
UN-Number		
DOT/TDG, ADR, ADN, IMDG, IATA	Not applicable	
UN proper shipping name		
DOT/TDG, ADR, ADN, IMDG, IATA	Not applicable	
Transport hazard class(es)		
DOT, ADR, ADN, IMDG, IATA		
Class	Not applicable	
Packing group		
DOT/TDG, ADR, IMDG, IATA	Not applicable	
Environmental hazards:		
Marine pollutant:	No	
Special precautions for user	Not applicable.	
Transport in bulk according to Annex	ll of	
MARPOL73/78 and the IBC Code	Not applicable.	
Transport/Additional information:	Special precautions for user : Not dangerous cargo.	
	Slight smell. Keep dry.	
	Avoid heat above +50 °C.	
	Keep away from foodstuffs, acids and alkalis.	
UN "Model Regulation":	Not applicable	

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture Sara

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

822-06-0 hexamethylene-di-isocyanate

TSCA (Toxic Substances Control Act):

All components have the value ACTIVE.

Canadian substance listings:

Canadian Domestic Substances List (DSL)

All ingredients are listed.

(Contd. on page 12)





according to HPR, Schedule 1

Printing date 02/14/2023

Version 3.1

	(Contd. of pag
Canadian Non-Domestic Sul	bstances List (NDSL)
None of the ingredients is liste	d.
Canadian Ingredient Disclos	ure list (limit 0.1%)
None of the ingredients is liste	d.
Canadian Ingredient Disclos	ure list (limit 1%)
None of the ingredients is liste	d.
GHS label elements	The substance is classified and labeled according to the Globally Harmoni. System (GHS).
Hazard pictograms	GHS07
Signal word	Warning
Hazard-determining	
components of labeling: Hazard statements	Hexamethylene diisocyanate, oligomers H332 Harmful if inhaled. H317 May cause an allergic skin reaction. H335 May cause respiratory irritation.
Precautionary statements	 P260 Do not breathe vapours. P262 Do not get in eyes, on skin, or on clothing. P271 Use only outdoors or in a well-ventilated area. P301 IF SWALLOWED: P331 Do NOT induce vomiting. P304+P340 IF INHALED: Remove person to fresh air and keep comfortab for breathing. P316 Get emergency medical help immediately. Call a Poison Center P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with national regulations.
National regulations:	
Other regulations, limitation	
and prohibitive regulations	Other regulations: The European Committee of Paint, Printing Ink and Artis Colours Manufacturers' Associations (CEPE) provides the following information on coatings containing isocyanates: Ready-to-use paints containing isocyanates may have an irritant effect on mucous membranes especially on breathing organs - and cause hypersensitivity reactions. Inhalation of vapor or spray mist may cause sensitisation. When handling paints containing isocyanates all precautions required for solvent-containin paints must be followed. Vapor and spray mist in particular should not be inhaled. Allergics and asthmatics as well as people prone to respiratory ailments should not work with isocyanate containing paints. (Contd. on page



according to HPR, Schedule 1

Printing date 02/14/2023

Version 3.1

Reviewed on 02/14/2023

(Contd. of page 12)

CA

Trade name: Hardener for 2K Wood Oil (6633)

Chemical safety assessment: A Chemical Safety Assessment has been carried out.

	r present knowledge. However, this shall not constitute a guarantee for any all not establish a legally valid contractual relationship.
	H302 Harmful if swallowed.
Relevant phrases	H311 Toxic in contact with skin.
	H315 Causes skin irritation.
	H317 May cause an allergic skin reaction.
	H319 Causes serious eye irritation.
	H331 Toxic if inhaled.
	H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
	H335 May cause respiratory irritation.
Recommended restriction of	
use	The product is used as a hardener in coating materials. Appropriate protection measures are required to deal with coating materials that contain reactive polyisocyanates and residual monomeric HDI (see also this safety data sheet They may therefore only be used in industrial or professional applications. They are not suitable for use in do-it-yourself applications.
Department issuing SDS:	product safety department
Contact:	Hr. Dr. Starp
Date of the latest revision of	
the safety data sheet	02/14/2023
Abbreviations and acronyms:	ICAO: International Civil Aviation Organisation IMDG: International Maritime Code for Dangerous Goods
	DOT: US Department of Transportation
	IATA: International Air Transport Association
	EINECS: European Inventory of Existing Commercial Chemical Substances
	CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA)
	HMIS: Hazardous Materials Identification System (USA)
	LC50: Lethal concentration, 50 percent
	LD50: Lethal dose, 50 percent
	PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative
Sources	ESIS : European chemical Substances Information System
	ECHA Portal
	Safety data sheets from raw material suppliers
* Data compared to the	
previous version altered.	Additions, deletions, revisions