

Product name: TN-411BK, TN-413BK, TN-416BK, TN-419BK, TN-421BK, TN-423BK, TN-426BK, TN-431BK, TN-433BK, TN-436BK, TN-439BK, TN-441BK, TN-443BK, TN-446BK, TN-449BK, TN-451BK, TN-456BK, TN-459BK, TN-461BK, TN-466BK, TN-469BK, TN-471BK, TN-476BK, TN-491BK, TN-493BK, TN-499BK, TN-910BK Toner

Date of issue: 04 April 2016 Revision date: Version: 1.1 SDS No:PT405-01-EUUSOTHER

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

1.1. Product identifier			
Product form	: Mixture		
Product name	: TN-411BK, TN-413BK, TN-416BK, TN-419BK, TN-421BK, TN-423BK, TN-426BK, TN-431BK, TN-433BK, TN-436BK, TN-439BK, TN-441BK, TN-443BK, TN-446BK, TN-449BK, TN-451BK, TN-456BK, TN-459BK, TN-461BK, TN-466BK, TN-469BK, TN-471BK, TN-476BK, TN-491BK, TN-493BK, TN-499BK, TN-910BK Toner		
1.2. Relevant identified uses of the subs	Relevant identified uses of the substance or mixture and uses advised against		
1.2.1. Relevant identified uses			
Use of the substance/mixture	: These products are black toner in a cartridge for Brother Industries, Ltd. laser printers, multifunction devices and fax receivers. The cartridge should be used as supplied by Brother and for use in the products stated. Information provided on this SDS is only consistent with the use specified by Brother		
1.2.2. Uses advised against			
No additional information available			
1.3. Details of the supplier of the safety of	data sheet		
Manufacturer	Brother Industries, Ltd. 15-1 Naeshiro-cho, Mizuho-ku, Nagoya 467-8561, Japan Telephone (for information): +81-52-824-2735		
Importer (USA)	Brother International Corporation 200 Crossing Boulevard, Bridgewater, NJ 08807, USA Telephone (for information): +1-877-276-8437		
Importer (Canada)	Brother International Corporation (Canada) Ltd. 1 Hotel de Ville, Dollard des Ormeaux, Quebec, H9B 3H6, Canada Telephone (for information): +1-514-685-0600		
Importer (Europe)	Brother International Europe Ltd. Brother House, 1 Tame Street, Guide Bridge, Audenshaw, Manchester M34 5JE, UK Telephone (for information): +44-161-330-6531		
Importer (Australia)	Brother International (Aust.) Pty. Ltd. ACN 001 393 835 Level 3, Building A, 11 Talavera Road, Macquarie Park, NSW 2113, Australia Telephone (for information): +61-2-9887-4344		
E-mail Address	sds.info@brother.co.jp		
1.4. Emergency telephone number			
Emergency number	: CHEMTREC +1-703-527-3887 (International) +1-800-424-9300 (North America) +61-290372994 (Australia)		
	For France only:		

For France only: Antipoison Center telephone number: ORFILA +33-1-45-425-959

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD] Not classified

Classification according to OSHA GHS

Not classified

at your side

Safety Data Sheet

Product name:

TN-411BK, TN-413BK, TN-416BK, TN-419BK, TN-421BK, TN-423BK, TN-426BK, TN-431BK, TN-433BK, TN-436BK, TN-439BK, TN-441BK, TN-443BK, TN-446BK, TN-449BK, TN-451BK, TN-456BK, TN-459BK, TN-461BK, TN-466BK, TN-469BK, TN-471BK, TN-476BK, TN-491BK, TN-493BK, TN-499BK, TN-910BK Toner

Australia Classification

Not classified as hazardous according to the criteria of NOHSC

2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP] No labeling applicable

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH, annex XIII This substance/mixture does not meet the vPvB criteria of REACH, annex XIII

SECTION 3: Composition/Information on ingredients

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Styrene-acrylate copolymer	(CAS No) 25767-47-9 (EC no) -	65 - 75	Not classified
Fatty Acid Ester	(CAS No) ** (EC no) -	8 - 18	Not classified
Carbon Black (bound)	(CAS No) 1333-86-4 (EC no) 215-609-9	4 - 14	Not classified
Styrene-acrylate Resin	(CAS No) ** (EC no) -	< 7	Not classified
PMMA	(CAS No) 9011-14-7 (EC no) -	1 - 5	Not classified
Silicon dioxide (amorphous)	(CAS No) 112945-52-5 (EC no) 231-545-4	< 3	Not classified
Silicon dioxide (amorphous)	(CAS No) 844491-94-7 (EC no) 430-570-1	< 3	Not classified
Silicon dioxide (amorphous)	(CAS No) 7631-86-9 (EC no) 231-545-4	< 3	Not classified

** CONFIDENTIAL

Full text of R- and H- phrases: see section 16

SECTION 4: First aid measures

: If symptoms persist, obtain medical attention.			
: Obtain medical attention. In case of accident by inhalation : remove casualty to fresh air and keep at rest.			
: Remove contaminated clothing immediately and wash affected skin with plenty of water or soap and water.			
: Obtain medical attention. If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes.			
: Obtain immediate medical attention. Wash out mouth with water and give 100-200 ml of water to drink.			
4.2. Most important symptoms and effects, both acute and delayed			
: For large quantities: May cause irritation to the respiratory system. Increased difficulty in breathing. Sneezing. Coughing.			
: May cause eye irritation.			
: May cause stomach ache. Unlikely route of exposure.			

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

Treat symptomatically.



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SECTION 5: Firefighting measures		
5.1.	Extinguishing media	
Suitabl	e extinguishing media	: Extinguish preferably with dry chemical, carbon dioxide, water, foam.
Unsuita	able extinguishing media	: Do not use water jet.
5.2.	Special hazards arising from t	he substance or mixture
Explos	ion hazard	: May form explosible dust clouds in air.
5.3.	Advice for firefighters	
Firefig	nting instructions	: Do not use high-pressure water in order to prevent creating a dust cloud and spreading fire dust. Use appropriate respirator for carbon monoxide and carbon dioxide. Wear positive pressure self-contained breathing apparatus (SCBA) during the attack phase of firefighting operations and during cleanup in enclosed or poorly ventilated areas immediately after a fire. Personnel not having suitable respiratory protection must leave the area to prevent significant exposure to toxic combustion gases from any source.
SEC 6.1.	TION 6: Accidental rel	ease measures ive equipment and emergency procedures
6.1.1.	• •	
-	For non-emergency personne ency procedures	: Ensure adequate ventilation. Avoid contact with skin and eves.
0		
6.1.2.	For emergency responders	
Emerg	ency procedures	: Avoid generation of dust. Do not breathe dust. A suitable dust mask or dust respirator with filter type A/P may be appropriate.
6.2.	Environmental precautions	
Prever	t substance entering sewers. Wash	ings must be prevented from entering surface water drains.
6.3.	Methods and material for containment and cleaning up	
Method	ds for cleaning up	: Sweep the split toner or remove it with a vacuum cleaner and transfer into a sealed container carefully. Sweep slowly to minimize generation of dust during cleanup. If a vacuum cleaner is

6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

or filter.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

: Keep out of the reach of children. Avoid generation of dust. Avoid inhalation of high concentrations of dust. Avoid contact with eyes.

used, the motor must be rated as dust explosion proof. Potential for very fine particles to be taken into the vacuum only to be passed back into the environment due to pore size in the bag

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Keep away from oxidizing agents.

7.3. Specific end use(s)

Precautions for safe handling

These products are black toner in a cartridge for Brother Industries, Ltd. laser printers, multifunction devices and fax receivers. This cartridge should be used as supplied by Brother and for use in the products stated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Carbon Black (bound) (1333-86-4)		
Belgium	Local name	Carbone (noir de)
Belgium	Limit value (mg/m ³)	3.5 mg/m ³
Denmark	Local name	Carbon black
Denmark	Limit (long-term) (mg/m ³)	3.5 mg/m ³



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Carbon Black (bound) (1333-86-4)			
Denmark	Anmærkninger (DK)	К	
Finland	Local name	Nokimusta	
Finland	HTP-arvo (8h) (mg/m³)	3.5 mg/m ³	
Finland	HTP-arvo (15 min)	7 mg/m ³	
France	Local name	Noir de carbone	
France	VME (mg/m ³)	3.5 mg/m ³	
Ireland	Local name	Carbon black	
Ireland	OEL (8 hours ref) (mg/m ³)	3.5 mg/m ³	
Ireland	OEL (15 min ref) (mg/m3)	7 mg/m ³	
Portugal	Local name	Carbono, preto (Negro de fumo)	
Portugal	OEL TWA (mg/m ³)	3.5 mg/m ³	
Spain	Local name	Negro de humo	
Spain	VLA-ED (mg/m ³)	3.5 mg/m ³	
United Kingdom	Local name	Carbon black	
United Kingdom	WEL TWA (mg/m ³)	3.5 mg/m ³	
United Kingdom	WEL STEL (mg/m ³)	7 mg/m ³	
Norway	Local name	Carbon Black (lampesot)	
Norway	TWA (AN) (mg/m ³)	3.5 mg/m ³	
USA - ACGIH	Local name	Carbon black	
USA - ACGIH	ACGIH TWA (mg/m ³)	3 mg/m ³	
USA - ACGIH	Remark (ACGIH)	Bronchitis	
USA - OSHA	Local name	Carbon black	
USA - OSHA	OSHA PEL (TWA) (mg/m³)	3.5 mg/m ³	
Silicon dioxide (amorp	hous) (7631-86-9)		
Germany	Local name	Kieselsäuren, amorphe	
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	4 mg/m ³	
Latvia	Local name	Silīc ja dioksīds	
Latvia	OEL TWA (mg/m³)	1 mg/m ³	
USA - OSHA	OSHA PEL (TWA) (mg/m³)	20 mg/m ³ 20mppcf 80%SiO2	
Silicon dioxide (amorp	hous) (112945-52-5)		
USA - OSHA	OSHA PEL (TWA) (mg/m³)	20 mg/m ³ 20mppcf 80%SiO2	
Silicon dioxide (amorp	hous) (844491-94-7)		
USA - OSHA	OSHA PEL (TWA) (mg/m³)	20 mg/m ³ 20mppcf 80%SiO2	

8.2. Exposure controls

Appropriate engineering controls	: Good general ventilation should be sufficient under normal use.
Personal protective equipment	: Not normally required. For use other than in normal operating procedures (such as in the event of large spill), the following should be applied:
Hand protection	: protective gloves.
Eye protection	: Safety goggles.
Skin and body protection	: Long sleeved clothing and long pants.
Respiratory protection	: Dust mask. (Large spillages: Respirator).
Environmental exposure controls	: Avoid release to the environment.



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

5.1. Information on basic physical and	chemical properties
Physical state	: Solid
Appearance	: Powder
Color	: Black
Odor	: odorless
Odor threshold	: No information available
рН	: Not applicable
Relative evaporation rate (butyl acetate=1)	: No information available
Relative evaporation rate (ether=1)	: Not available
Melting point	: No information available
Freezing point	: No information available
Boiling point	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: No information available
Decomposition temperature	: Not available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: Not applicable
Relative vapor density at 20 °C	: Not applicable
Relative density	: No information available
Relative density of saturated gas/air mixture	: No information available
Solubility	: Insoluble in water
Log Pow	: No information available
Log Kow	: No information available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: Explosive limits of toner particles suspended in air approximately equal to that of coal dust
Oxidizing properties	: No information available
Explosion limits	: No information available
0.2 Other information	

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Keep at temperature not exceeding 200 °C. Avoid friction, sparks, or other means of ignition.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Nitrogen oxides.



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SECTION 11: Toxicological information

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11.1. Information on toxicological effects			
Acute toxicity	: Not classified		
LD50 oral rat LC50 inhalation rat (mg/l)	> 2000 mg/kg (OECD 420 method) > 5.2 mg/l/4h (OECD 436 method)		
Skin corrosion/irritation	: Non-irritant. (OECD 404 method) pH: Not applicable		
Serious eye damage/irritation	: Minimal irritant to the eye. (OECD 405 method) pH: Not applicable		
Respiratory or skin sensitization	: It is not a skin sensitizer. (OECD 429 method)		
Germ cell mutagenicity	: AMES test : Negative. (OECD 471 method)		
Carcinogenicity	 Carbon Black: In 1996, the IARC re-evaluated carbon black as a Group 2B carcinogen (possible human carcinogen). This classification is given to chemicals, for which there is inadequate human evidence, but sufficient animal evidence on which to base an opinion of carcinogenicity. The classification is based upon the development of lung tumors in rats receiving chronic inhalation exposures to free carbon black at levels that induce particle overload of the lung. Studies performed in animal models other than rats did not show any association between carbon black and lung tumors. Moreover, a two-year cancer bioassay using a typical toner preparation containing carbon black demonstrated no association between toner exposure and tumor development in rats Other ingredients of this product have not been classified as carcinogens according to IARC monographs, NTP and OSHA 		
Reproductive toxicity	: Not classified		
Specific target organ toxicity (single exposure)	: Not classified		
Specific target organ toxicity (repeated exposure)	: Not classified		
Aspiration hazard	: Not classified		

SECTION 12: Ecological information

12.1. Toxicity

Carbon Black (bound) (1333-86-4)		
EC50 Daphnia > 5600 mg/l 24 h (Daphnia magna)		
Silicon dioxide (amorphous) (7631-86-9)		
LC50 fish	5000 mg/l 96 h static (Brachydanio rerio)	
EC50 Daphnia	7600 mg/l 48 h (Ceriodaphnia dubia)	
EC50 other aquatic organisms 1	440 mg/l 72 h (Pseudokirchneriella subcapitata)	

12.2. Persistence and degradability

Bioaccumulative notential

Persistence and degradability

No information available.

Eleacoundatio potonial	
Log Pow	No information available
Log Kow	No information available

12.4. Mobility in soil

Ecology - soil

No information available.

12.5. Results of PBT and vPvB assessment

This substance/mixture does not meet the PBT criteria of REACH, annex XIII This substance/mixture does not meet the vPvB criteria of REACH, annex XIII

12.6. Other adverse effects

Other adverse effects

: No information available.

12.3



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SECTION 13: Disposal considerations

Waste treatment methods 13.1.

Waste disposal recommendations

: Do not put toner or toner cartridges into a fire, this can cause fire to spread with the risk of causing burn injuries. Shred toner cartridges in a dust/explosion controlled environment. Finely dispersed particles may form explosive mixtures in the air. Dispose in accordance with federal, state and local regulations.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / DOT / UN 14.1. UN number Not regulated for transport 14.2. UN proper shipping name Proper Shipping Name (ADR/RID) : None Proper Shipping Name (IATA) : None Proper Shipping Name (IMDG) : None 14.3. Transport hazard class(es) Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information : None 14.6. Special precautions for user Special transport precautions for user Special information available 14.6.2. Transport by sea No additional information available 14.6.3. Air transport No additional information available 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code IBC code : Not applicable				
Not regulated for transport 14.2. UN proper shipping name Proper Shipping Name (ADR/RID) : None Proper Shipping Name (IATA) : None Proper Shipping Name (IMDG) : None 14.3. Transport hazard class(es) Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information : None 14.6. Special precautions for user Special transport precautions for user Special transport precautions i None 14.6.1. Overland transport No additional information available 14.6.3. Air transport No additional information available 14.6.3. Air transport No additional information available 14.6.3. Air transport No additional information available 14.6.3. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	In accordance with ADR / IMDG / IATA / DOT / UN			
14.2. UN proper shipping name Proper Shipping Name (ADR/RID) : None Proper Shipping Name (IATA) : None Proper Shipping Name (IMDG) : None 14.3. Transport hazard class(es) Not applicable 14.4. Packing group	14.1. UN number			
Proper Shipping Name (ADR/RID) : None Proper Shipping Name (IATA) : None Proper Shipping Name (IMDG) : None 14.3. Transport hazard class(es) Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information : None 14.6. Special precautions for user Special transport precautions for user Special transport precautions i None 14.6.1. Overland transport No additional information available 14.6.2. Transport by sea No additional information available 14.6.3. Air transport No additional information available 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not regulated for transport			
Proper Shipping Name (IATA) : None Proper Shipping Name (IMDG) : None 14.3. Transport hazard class(es) Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information : None 14.6. Special precautions for user Special transport precautions for user Special transport precautions i None 14.6.1. Overland transport No additional information available 14.6.2. Transport by sea No additional information available 14.6.3. Air transport No additional information available	14.2. UN proper shipping name			
Proper Shipping Name (IMDG) : None 14.3. Transport hazard class(es) Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information : None 14.6. Special precautions for user Special transport precautions for user Special transport precautions i None 14.6.1. Overland transport No additional information available 14.6.2. Transport by sea No additional information available 14.6.3. Air transport No additional information available 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Proper Shipping Name (ADR/RID) : None			
14.3. Transport hazard class(es) Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information : None 14.6. Special precautions for user Special transport precautions : None 14.6.1. Overland transport No additional information available 14.6.2. Transport by sea No additional information available 14.6.3. Air transport No additional information available 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Proper Shipping Name (IATA) :	None		
Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information : None 14.6. Special precautions for user Special transport precautions : None 14.6.1. Overland transport No additional information available : None 14.6.2. Transport by sea No additional information available : Item information available 14.6.3. Air transport No additional information available : Item information available 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Proper Shipping Name (IMDG) :	None		
Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information : None 14.6. Special precautions for user Special transport precautions : None 14.6.1. Overland transport No additional information available : None 14.6.2. Transport by sea No additional information available : Item information available 14.6.3. Air transport No additional information available : Item information available 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code				
14.4. Packing group Not applicable 14.5. 14.5. Environmental hazards Other information : None 14.6. Special precautions for user Special transport precautions : None 14.6.1. Overland transport No additional information available	14.3. Transport hazard class(es)			
Not applicable 14.5. Environmental hazards Other information : None 14.6. Special precautions for user Special transport precautions : None 14.6.1. Overland transport No additional information available	Not applicable			
14.5. Environmental hazards Other information : None 14.6. Special precautions for user Special transport precautions : None 14.6.1. Overland transport No additional information available	14.4. Packing group			
Other information : None 14.6. Special precautions for user Special transport precautions : None 14.6.1. Overland transport No additional information available	Not applicable			
14.6. Special precautions for user Special transport precautions : None 14.6.1. Overland transport No additional information available	14.5. Environmental hazards			
Special transport precautions : None 14.6.1. Overland transport No additional information available 14.6.2. Transport by sea No additional information available 14.6.3. Air transport No additional information available 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code				
Special transport precautions : None 14.6.1. Overland transport No additional information available 14.6.2. Transport by sea No additional information available 14.6.3. Air transport No additional information available 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	14.6 Special precautions for user			
 14.6.1. Overland transport No additional information available 14.6.2. Transport by sea No additional information available 14.6.3. Air transport No additional information available 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code 		None		
No additional information available 14.6.2. Transport by sea No additional information available 14.6.3. Air transport No additional information available 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Special transport precaduous . None			
 14.6.2. Transport by sea No additional information available 14.6.3. Air transport No additional information available 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code 	•			
No additional information available 14.6.3. Air transport No additional information available 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No additional information available			
 14.6.3. Air transport No additional information available 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code 	14.6.2. Transport by sea			
No additional information available14.7.Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No additional information available			
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	14.6.3. Air transport			
······································	14.7 Transport in bulk according to Approx II of MADDOL 72/79 and the IPC Code			
	······			

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SECTION 15: Regulatory information

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

15.1.1. **EU-Regulations**

Contains no REACH substances with Annex XVII restrictions Contains no REACH candidate substance Contains no REACH Annex XIV substances.

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Safety Data Sheet

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15.1.2. National regulations

Regional legislation

: EU:Not classified as dangerous for supply/use. (1999/45/EC)

USA: All chemical substances contained in this product are and had been listed on the TSCA Chemical Substances Inventory, and none is subject to any of the following TSCA requirements: section 4 test rules; proposed or final section 5(a)(2) significant new use rules; section 5(e) consent orders; section 8(a) preliminary assessment information rules; and section 8(d) health and safety data reporting rules.

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Canada: WHMIS: Not applicable. (Manufactured article).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information	
Indication of changes: Newly issued.	
Data sources	: World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risks to Humans, Volume 93
	U.S. Department of labor, 29CFR Part 1910.
	ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
	EU Commission Directive 2009/161/EU.
Abbreviations and acronyms	: IARC (International Agency for Research on Cancer)
	IATA (International Air Transport Association)
	IMDG (International Maritime Dangerous Goods Code)
	IOELV (Indicative Occupational Exposure Limit)
	REACH (Registration, Evaluation and Authorisation of CHemicals)
	WHMIS (Workplace Hazardous Material Information System (Canada))
	ACGIH (American Conference of Government Industrial Hygienists)
	DOT (Department Of Transportation (US))
	ICAO (International Civil Aviation Organization)
	NOHSC (National Occupational Health and Safety Commission (Australia))
	NTP (National Toxicology Program) (US)
	OSHA (Occupational Safety and Health Administration) (US)
	PEL (Permissible Exposure Limit)
	STEL (Short Term Exposure Limit)
	TLV (Threshold Limit Value) (ACGIH)
	TSCA (Toxic Substances Control Act) (US)
	TWA (Time Weighted Average).
Other information	: The information only relates to this specific product. It may not be valid, if used in combination with any other materials or in any other process, and it is based on our best knowledge as of the date of preparation (revision).