Safety Data Sheet



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Revision date: Date of issue: 07/02/2017 21/11/2014

Version: 2.0

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

#### 1.1. Product identifier

Product Form Product Name Synonyms Mixture CV5-1161-7 Adhesive Tape

# 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1.Relevant identified uses

Use of the substance/mixture

For professional use only.

#### 1.2.2. Uses advised against

No additional information available **1.3. Details of the supplier of the safety data sheet** NuSil Technology LLC 1050 Cindy Lane Carpinteria, California 93013 USA (805) 684-8780 <u>ehs@nusil.com</u> <u>www.nusil.com</u> **1.4. Emergency telephone number** Emergency : 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International

# **SECTION 2: Hazards identification**

and Maritime)

# 2.1. Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified Adverse physicochemical, human health and environmental effects No additional information available 2.2. Label elements Labelling according to Regulation (EC) No. 1272/2008 [CLP] EUH-statements EUH210 - Safety data sheet available on request 2.3. Other Hazards Other hazards not contributing None under normal conditions. to the classification

# SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

number

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#### 3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Carbon black	(CAS No) 1333-86-4	< 5	Not classified
Dimethylacetamide substance listed as REACH Candidate (N,N- dimethylacetamide)	(CAS No) 127-19-5	< 0.15	Acute Tox. 4 (Dermal), H312 Acute Tox. 3 (Inhalation:vapour), H331 Repr. 1B, H360D

# Specific concentration limits:NameProduct identifierSpecific concentration limitsDimethylacetamide(CAS No) 127-19-5(C ≥ 5) Repr. 1B, H360D

Full text of H-statements: see section 16

## **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If
	you feel unwell, seek medical advice (show the label where possible).
First-aid measures after	: When symptoms occur: go into open air and ventilate
inhalation	suspected area. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin	: Remove contaminated clothing. Drench affected area with
contact	water for at least 15 minutes. Obtain medical attention if
First still as a second of the second	irritation develops or persists.
First-aid measures after eye	: Rinse cautiously with water for at least 15 minutes. Remove
contact	contact lenses, if present and easy to do. Continue rinsing.
	Obtain medical attention.
First-aid measures after	: Rinse mouth. Do NOT induce vomiting. Obtain medical
ingestion	attention.
	ns and effects, both acute and delayed
Symptoms/injuries	Not expected to present a significant hazard under
	anticipated conditions of normal use.
Symptoms/injuries after	Prolonged exposure may cause irritation.
inhalation	
Symptoms/injuries after skin	Prolonged exposure may cause skin irritation.
contact	
Symptoms/injuries after eye	May cause slight irritation to eyes.
contact	
Symptoms/injuries after	Ingestion may cause adverse effects.
ingestion	
Chronic symptoms	None expected under normal conditions of use.
4.3 Indication of any immed	diate medical attention and special treatment needed

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

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

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## **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media	Water spray, dry chemical, alcohol-resistant foam, carbon dioxide.
Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may spread fire. Application of water stream to hot product may cause frothing and increase fire intensity.
5.2. Special hazards arising fro	om the substance or mixture
Fire hazard	Not considered flammable but may burn at high temperatures.
Explosion hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.
5.3. Advice for firefighters	
Precautionary measures fire Firefighting instructions Protection during firefighting	Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Do not enter fire area without proper protective equipment, including respiratory protection.

#### **SECTION 6: Accidental release measures**

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

General measures	Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust.
6.1.1. For non-emerger	ncy personnel
Protective equipment	Use appropriate personal protective equipment (PPE).
Emergency procedures	Evacuate unnecessary personnel.
6.1.2. For emergency re	esponders
Protective equipment Emergency procedures	Equip cleanup crew with proper protection. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.
<ul><li>6.2. Environmental precauti</li><li>Prevent entry to sewers and pu</li><li>6.3. Methods and material f</li></ul>	

For containmentContain solid spills with appropriate barriers and prevent<br/>migration and entry into sewers or streams.Methods for cleaning upClean up spills immediately and dispose of waste safely.<br/>Recover the product by vacuuming, shoveling or sweeping.<br/>Transfer spilled material to a suitable container for disposal.<br/>Contact competent authorities after a spill.

#### 6.4. Reference to other sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

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# **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing.	
Hygiene measures	Avoid breathing dust. Handle in accordance with good industrial hygiene and	
nygiene medsoles	safety procedures.	
7.2. Conditions for safe storage, including any incompatibilities		
Technical measures	Comply with applicable regulations.	
Storage conditions	Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.	
Incompatible products	Strong acids, strong bases, strong oxidizers.	
7.3. Specific end use(s)		
No additional information availab	ble	

# SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Carbon blac	k (1333-86-4)	
Belgium	Limit value (mg/m³)	3,5 mg/m <sup>3</sup>
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	3,5 mg/m³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m³)	7 mg/m³
France	VME (mg/m³)	3,5 mg/m³
Greece	OEL TWA (mg/m³)	3,5 mg/m³
Greece	OEL STEL (mg/m³)	7 mg/m³
USA ACGIH	ACGIH TWA (mg/m³)	3 mg/m³ (inhalable particulate matter)
Spain	VLA-ED (mg/m³)	3,5 mg/m³
United Kingdom	WEL TWA (mg/m³)	3,5 mg/m³
United Kingdom	WEL STEL (mg/m³)	7 mg/m³
Czech Republic	Expoziční limity (PEL) (mg/m³)	2,0 mg/m³ (dust)
Denmark	Grænseværdie (langvarig) (mg/m³)	3,5 mg/m³
Estonia	OEL TWA (mg/m³)	3 mg/m³ (dust)
Finland	HTP-arvo (8h) (mg/m³)	3,5 mg/m³
Finland	HTP-arvo (15 min)	7 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (mg/m³)	3 mg/m³ (inhalable)
Ireland	OEL (15 min ref) (mg/m3)	15 mg/m³ (calculated)
Norway	Grenseverdier (AN) (mg/m³)	3,5 mg/m <sup>3</sup>
Norway	Grenseverdier (Korttidsverdi) (mg/m3)	7 mg/m³ (value calculated)

Carbon bla	ck (1333-86-4)	
Poland	NDS (mg/m³)	4,0 mg/m <sup>3</sup> (applies to Carbon black containing Benzo(a)pyrene < 35 mg in 1 kg of Carbon black-total inhalable dust)
Slovakia	NPHV (priemerná) (mg/m³)	2 mg/m <sup>3</sup> (respirable fraction, 5% or less fibrogenic component) 10 mg/m <sup>3</sup> (respirable fraction, greater than 5% fibrogenic component) 10 mg/m <sup>3</sup> (total aerosol)
Sweden	nivågränsvärde (NVG) (mg/m³)	3 mg/m³ (total dust)
Portugal	OEL TWA (mg/m³)	3,5 mg/m <sup>3</sup>
Portugal	OEL chemical category (PT)	A4 - Not Classifiable as a Human Carcinogen
Dimethylac	etamide (127-19-5)	
EU	IOELV TWA (mg/m <sup>3</sup> )	36 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	10 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	72 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	20 ppm
Austria	MAK (mg/m³)	36 mg/m <sup>3</sup>
Austria	MAK (ppm)	10 ppm
Austria	MAK Short time value (mg/m³)	72 mg/m <sup>3</sup>
Austria	MAK Short time value (ppm)	20 ppm
Austria	OEL chemical category (AT)	Skin notation
Belgium	Limit value (mg/m³)	36 mg/m³
Belgium	Limit value (ppm)	10 ppm
Belgium	Short time value (mg/m³)	72 mg/m <sup>3</sup>
Belgium	Short time value (ppm)	20 ppm
Belgium	OEL chemical category (BE)	Skin, Skin notation
Bulgaria	OEL TWA (mg/m³)	36 mg/m <sup>3</sup>
Bulgaria	OEL TWA (ppm)	10 ppm
Bulgaria	OEL STEL (mg/m³)	72 mg/m <sup>3</sup>
Bulgaria	OEL STEL (ppm)	20 ppm
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	36 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	10 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m³)	72 mg/m³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	20 ppm
Croatia	OEL chemical category (HR)	Skin notation, Reproductive Toxin category 2
Cyprus	OEL TWA (mg/m³)	36 mg/m³
Cyprus	OEL TWA (ppm)	10 ppm

Cyprus         OEL STEL (mg/m³)         72 mg/m³           Cyprus         OEL STEL (ppm)         20 ppm           Cryprus         OEL chemical category (CY)         Skin-potential for cutaneous absorption           France         VLE (mg/m³)         36 mg/m² (restrictive limit)           France         VLE (ppm)         10 ppm (restrictive limit)           France         VME (mg/m²)         7.2 mg/m² (restrictive limit)           France         VME (ppm)         2 ppm (restrictive limit)           France         VME (ppm)         2 ppm (restrictive limit)           France         France - BEI         30 mg/g Kreatinin Parameter: N-Methylacetamide - Medium: urine - Sampling time: end of shift at end of workweek           Germany         TRGS 900 Occupational exposure limit value (mg/m³)         36 mg/m² (The risk of damage to the embryo of feus can be excluded when AGW and BGW values are observed)           Germany         TRGS 903 (BGW)         30 mg/g Parameter: N-N-Methylacetamide plus N-Hydroxymethyl-N-methylacetamide - Medium: urine - Sampling time: end of shift measured as mg/g Creatinine)           Germany         TRGS 900 chemical category         Skin notation           Germany         TRGS 903 (BGW)         30 mg/g Parameter: N-N-Methylacetamide plus N-Hydroxymethyl-N-methylacetamide - Medium: urine - Sampling time: end of shift measured as mg/g Creatinine)           Germany         TRGS 900 chemical category<	Dimethylacet	amide (127-19-5)	
Cyprus         OEL chemical category (CY)         Skin-potential for cutaneous absorption           France         VLE (mg/m²)         34 mg/m² (restrictive limit)           France         VLE (ppm)         10 ppm (restrictive limit)           France         VME (ng/m²)         7,2 mg/m² (restrictive limit)           France         VME (ppm)         2 ppm (restrictive limit)           France         OEL chemical category (FR)         Reproductive Toxin category 1B, Risk of cutaneous absorption           France         France - BEI         30 mg/g Kreatinin Parameter: N-Methylacetamide - Medium: urine - Sampling time: end of shift at end of workweek           Germany         TRGS 900 Occupational exposure limit value [mg/m²)         36 mg/m² (The risk of damage to the embry or fetus can be excluded when AGW and BGW values are observed)           Germany         TRGS 900 Occupational exposure limit value [ppm)         10 ppm (The risk of damage to the embry or fetus can be excluded when AGW and BGW values are observed)           Germany         TRGS 903 (BGW)         30 mg/g Parameter: N.N-Methylacetamide - Medium: urine - Sampling time: end of shift (measured as mg/g Creatinine)           Germany         TRGS 900 chemical category         Skin notation           Gibraltar         OEL TWA (mg/m³)         36 mg/m³           Gibraltar         OEL TWA (mg/m³)         36 mg/m³           Gibraltar         OEL STEL (ppm)	Cyprus	OEL STEL (mg/m³)	72 mg/m <sup>3</sup>
France         VLE (mg/m²)         36 mg/m² (restrictive limit)           France         VLE (mg/m²)         7.2 mg/m² (restrictive limit)           France         VME (ppm)         2 ppm (restrictive limit)           France         VME (ppm)         2 ppm (restrictive limit)           France         VME (ppm)         2 ppm (restrictive limit)           France         OEL chemical category (FR)         Reproductive Toxin category 1B, Risk           Germany         France - BEI         30 mg/g Kreatinin Porameter: N-Methylacetamide - Medium: urine - Sampling time: end of shift at end of workweek           Germany         TRGS 900 Occupational exposure limit value (mg/m²)         36 mg/m² (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)           Germany         TRGS 900 Occupational exposure limit value (ppm)         10 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)           Germany         TRGS 903 (BGW)         30 mg/g Parameter: N,N-Methylacetamide plus N-Hydroxymethyl-N-methylacetamide plus N-Hydroxymethyl-N-methylacetamide plus N-Hydroxymethyl-N-methylacetamide           Germany         TRGS 900 chemical category         Skin notation           Gibraltar         OEL TWA (mg/m²)         36 mg/m²           Germany         TRGS 900 chemical category         Skin notation           Gibraltar         OEL TWA (mg/m²) <td>Cyprus</td> <td>OEL STEL (ppm)</td> <td>20 ppm</td>	Cyprus	OEL STEL (ppm)	20 ppm
France         VLE (ppm)         10 ppm (restrictive limit)           France         VME (mg/m <sup>a</sup> )         7.2 mg/m <sup>a</sup> (restrictive limit)           France         VME (ppm)         2 ppm (restrictive limit)           France         OEL chemical category (FR)         Reproductive Toxin category 1B, Risk of cutaneous absorption           France         France - BEI         30 mg/g Kreatinin Parameter: N- Methylacetamide - Medium: urine - Sampling time: end of shift at end of workweek           Germany         TRGS 900 Occupational exposure limit value (mg/m <sup>a</sup> )         36 mg/m <sup>a</sup> (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)           Germany         TRGS 900 Occupational exposure limit value (ppm)         10 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)           Germany         TRGS 903 (BGW)         30 mg/g Parameter: N,N- Methylacetamide plus N- Hydroxymethyl-N-methylacetamide - Medium: urine - Sampling time: end of shift (measured as mg/g Creatinine)           Germany         TRGS 900 chemical category         Skin notation           Gibraitar         OEL TWA (mg/m <sup>a</sup> )         36 mg/m <sup>a</sup> Germany         TRGS 900 chemical category         Skin notation           Gibraitar         OEL TWA (mg/m <sup>a</sup> )         36 mg/m <sup>a</sup> Germany         TRGS 900 chemical category         Skin notation           Gibraitar </td <td>Cyprus</td> <td>OEL chemical category (CY)</td> <td></td>	Cyprus	OEL chemical category (CY)	
France       VME (mg/m³)       7,2 mg/m³ (restrictive limit)         France       VME (ppm)       2 ppm (restrictive limit)         France       OEL chemical category (FR)       Reproductive Toxin category 1B, Risk of cutaneous absorption         France       France - BEI       30 mg/g Kreatinin Parameter: N-Methylacetomide - Medium: urine - Sampling time: end of shift at end of workweek         Germany       TRGS 900 Occupational exposure limit value (mg/m³)       36 mg/m³ (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)         Germany       TRGS 900 Occupational exposure limit value (ppm)       10 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)         Germany       TRGS 903 (BGW)       30 mg/g Parameter: N.N-Methylacetamide - Medium: urine - Sampling time: end of shift (measured as mg/g Creatinine)         Germany       TRGS 903 (BGW)       30 mg/g Parameter: N.N-Methylacetamide - Medium: urine - Sampling time: end of shift (measured as mg/g Creatinine)         Germany       TRGS 900 chemical category       Skin notation         Gibraltar       OEL TWA (mg/m²)       36 mg/m³	France	VLE (mg/m³)	36 mg/m³ (restrictive limit)
France         VME (ppm)         2 ppm (restrictive limit)           France         OEL chemical category (FR)         Reproductive Toxin category 1B, Risk of cutaneous absorption           France         France - BEI         30 mg/g Kreatinin Parameter; N- Methylacetamide - Medium; urine - Sampling time: end of shift at end of workweek           Germany         TRGS 900 Occupational exposure limit value (mg/m³)         36 mg/m³ (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)           Germany         TRGS 900 Occupational exposure limit value (ppm)         10 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)           Germany         TRGS 903 (BGW)         30 mg/g Parameter: N,N- Methylacetamide plus N- Hydroxymethyl-N-methylacetamide - Medium: urine - Sampling time: end of shift (measured as mg/g Creatinine)         30 mg/g Parameter: N,N- Methylacetamide plus N- Hydroxymethyl-N-methylacetamide - Medium: urine - Sampling time: end of several shifts (measured as mg/g Creatinine)           Germany         TRGS 900 chemical category         Skin notation           Gibraitar         OEL TWA (mg/m³)         36 mg/m³           Gibraitar         OEL TWA (mg/m³)         72 mg/m³           Gibraitar         OEL TWA (mg/m³)         72 mg/m³           Gibraitar         OEL TWA (mg/m³)         36 mg/m³           Gibraitar         OEL TWA (mg/m³)         36 mg/m³           G	France	VLE (ppm)	10 ppm (restrictive limit)
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France     France - BEI     of cutaneous absorption       France     France - BEI     30 mg/g Kreatinin Parameter: N-Methylacetamide - Medium: urine - Sampling time: end of shift at end of workweek       Germany     TRGS 900 Occupational exposure limit value (mg/m³)     36 mg/m³ (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)       Germany     TRGS 900 Occupational exposure limit value (ppm)     10 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)       Germany     TRGS 903 (BGW)     30 mg/g Parameter: N.N- Methylacetamide plus N- Hydroxymethyl-N-methylacetamide - Medium: urine - Sampling time: end of shift (measured as mg/g Creatinine)       Germany     TRGS 900 chemical category     Skin notation       Gibrattar     OEL TWA (mg/m³)     36 mg/m³       Gibrattar     OEL TWA (mg/m³)     36 mg/m³       Gibrattar     OEL TWA (ppm)     10 ppm       Gibrattar     OEL TWA (mg/m³)     36 mg/m³       Gibrattar     OEL TWA (ppm)     10 ppm       Gibrattar     OEL TWA (ppm)     20 ppm       Gibrattar     OEL TWA (ppm)     36 mg/m³       Greece <td>France</td> <td>VME (ppm)</td> <td>2 ppm (restrictive limit)</td>	France	VME (ppm)	2 ppm (restrictive limit)
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Methylacetamide plus N- Hydroxymethyl-N-methylacetamide - Medium: urine - Sampling time: end of shift (measured as mg/g Creatinine) 30 mg/g Parameter: N,N- Methylacetamide plus N- Hydroxymethyl-N-methylacetamide - Medium: urine - Sampling time: end of shift (measured as mg/g Creatinine)GermanyTRGS 900 chemical categorySkin notationGibraltarOEL TWA (mg/m³)36 mg/m³GibraltarOEL STEL (mg/m³)72 mg/m³GibraltarOEL STEL (mg/m³)20 ppmGibraltarOEL chemical category (GI)Skin notationGreeceOEL TWA (mg/m³)36 mg/m³GreeceOEL TWA (ppm)10 ppmGreeceOEL STEL (mg/m³)72 mg/m³GreeceOEL TWA (ppm)10 ppmGreeceOEL STEL (mg/m³)36 mg/m³GreeceOEL STEL (mg/m³)20 ppmGreeceOEL STEL (ppm)20 ppmGreeceOEL chemical category (GR)skin - potential for cutaneous absorption	Germany		embryo or fetus can be excluded when AGW and BGW values are
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GibraltarOEL TWA (ppm)10 ppmGibraltarOEL STEL (mg/m³)72 mg/m³GibraltarOEL STEL (ppm)20 ppmGibraltarOEL chemical category (GI)Skin notationGreeceOEL TWA (mg/m³)36 mg/m³GreeceOEL TWA (ppm)10 ppmGreeceOEL STEL (mg/m³)72 mg/m³GreeceOEL STEL (mg/m³)72 mg/m³GreeceOEL STEL (ppm)20 ppmGreeceOEL STEL (mg/m³)72 mg/m³GreeceOEL STEL (ppm)20 ppmGreeceOEL chemical category (GR)skin - potential for cutaneous absorption	Germany	TRGS 900 chemical category	Skin notation
GibraltarOEL STEL (mg/m³)72 mg/m³GibraltarOEL STEL (ppm)20 ppmGibraltarOEL chemical category (GI)Skin notationGreeceOEL TWA (mg/m³)36 mg/m³GreeceOEL TWA (ppm)10 ppmGreeceOEL STEL (mg/m³)72 mg/m³GreeceOEL STEL (ppm)20 ppmGreeceOEL STEL (ppm)20 ppmGreeceOEL STEL (ppm)20 ppmGreeceOEL STEL (ppm)20 ppmGreeceOEL Chemical category (GR)skin - potential for cutaneous absorption	Gibraltar	OEL TWA (mg/m³)	36 mg/m <sup>3</sup>
GibraltarOEL STEL (ppm)20 ppmGibraltarOEL chemical category (GI)Skin notationGreeceOEL TWA (mg/m³)36 mg/m³GreeceOEL TWA (ppm)10 ppmGreeceOEL STEL (mg/m³)72 mg/m³GreeceOEL STEL (ppm)20 ppmGreeceOEL STEL (ppm)20 ppmGreeceOEL chemical category (GR)skin - potential for cutaneous absorption	Gibraltar	OEL TWA (ppm)	10 ppm
GibraltarOEL STEL (ppm)20 ppmGibraltarOEL chemical category (GI)Skin notationGreeceOEL TWA (mg/m³)36 mg/m³GreeceOEL TWA (ppm)10 ppmGreeceOEL STEL (mg/m³)72 mg/m³GreeceOEL STEL (ppm)20 ppmGreeceOEL STEL (ppm)20 ppm	Gibraltar	OEL STEL (mg/m³)	72 mg/m <sup>3</sup>
GibraltarOEL chemical category (GI)Skin notationGreeceOEL TWA (mg/m³)36 mg/m³GreeceOEL TWA (ppm)10 ppmGreeceOEL STEL (mg/m³)72 mg/m³GreeceOEL STEL (ppm)20 ppmGreeceOEL chemical category (GR)skin - potential for cutaneous absorption	Gibraltar		
GreeceOEL TWA (mg/m³)36 mg/m³GreeceOEL TWA (ppm)10 ppmGreeceOEL STEL (mg/m³)72 mg/m³GreeceOEL STEL (ppm)20 ppmGreeceOEL chemical category (GR)skin - potential for cutaneous absorption	Gibraltar		
GreeceOEL TWA (ppm)10 ppmGreeceOEL STEL (mg/m³)72 mg/m³GreeceOEL STEL (ppm)20 ppmGreeceOEL chemical category (GR)skin - potential for cutaneous absorption	Greece		36 mg/m <sup>3</sup>
GreeceOEL STEL (mg/m³)72 mg/m³GreeceOEL STEL (ppm)20 ppmGreeceOEL chemical category (GR)skin - potential for cutaneous absorption	Greece	· - ·	—
GreeceOEL STEL (ppm)20 ppmGreeceOEL chemical category (GR)skin - potential for cutaneous absorption	Greece		
Greece OEL chemical category (GR) skin - potential for cutaneous absorption			
USA ACGIH ACGIH TWA (ppm) 10 ppm			skin - potential for cutaneous
	USA ACGIH	ACGIH TWA (ppm)	10 ppm

ItalyOEIItalyOEIItalyOEIItalyOEIItalyOEILatviaOEILatviaOEILatviaOEISpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASwitzerlandVLASwitzerlandVLASwitzerlandVLASwitzerlandVLASwitzerlandOEISwitzerlandOEISwitzerlandOEI	TWA (mg/m <sup>3</sup> ) TWA (ppm) STEL (mg/m <sup>3</sup> ) STEL (ppm) chemical category (IT) TWA (mg/m <sup>3</sup> ) TWA (mg/m <sup>3</sup> ) TWA (ppm) chemical category (LV) A-ED (mg/m <sup>3</sup> ) A-ED (ppm) A-EC (mg/m <sup>3</sup> ) Chemical category (ES)	36 mg/m³         10 ppm         72 mg/m³         20 ppm         skin - potential for cutaneous absorption         36 mg/m³         10 ppm         skin - potential for cutaneous exposure         36 mg/m³ (indicative limit value)         10 ppm (indicative limit value)         10 ppm (indicative limit value)         72 mg/m³         20 ppm         TR1B, skin - potential for cutaneous exposure
ItalyOEIItalyOEIItalyOEIItalyOEILatviaOEILatviaOEILatviaOEILatviaOEISpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASwitzerlandVLASwitzerlandVLASwitzerlandVLASwitzerlandVLASwitzerlandOEISwitzerlandOEISwitzerlandOEI	_ STEL (mg/m <sup>3</sup> ) _ STEL (ppm) _ chemical category (IT) _ TWA (mg/m <sup>3</sup> ) _ TWA (ppm) _ chemical category (LV)	72 mg/m³20 ppmskin - potential for cutaneous absorption36 mg/m³10 ppmskin - potential for cutaneous exposure36 mg/m³ (indicative limit value)10 ppm (indicative limit value)10 ppm (indicative limit value)72 mg/m³20 ppmTR1B, skin - potential for cutaneous exposure
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LatviaOEILatviaOEILatviaOEILatviaOEISpainVLASpainVLASpainVLASpainVLASpainOEISpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASwitzerlandVLASwitzerlandVLASwitzerlandVMSwitzerlandOEISwitzerlandOEISwitzerlandOEI	TWA (mg/m <sup>3</sup> ) TWA (ppm) chemical category (LV) A-ED (mg/m <sup>3</sup> ) A-ED (ppm) A-EC (mg/m <sup>3</sup> ) A-EC (ppm) chemical category (ES)	absorption         36 mg/m³         10 ppm         skin - potential for cutaneous         exposure         36 mg/m³ (indicative limit value)         10 ppm (indicative limit value)         10 ppm (indicative limit value)         72 mg/m³         20 ppm         TR1B, skin - potential for cutaneous         exposure
LatviaOEILatviaOEISpainVLASpainVLASpainVLASpainVLASpainOEISpainVLASpainVLASpainVLASpainVLASpainVLASpainVLASwitzerlandVLASwitzerlandVLASwitzerlandVLASwitzerlandVLASwitzerlandVLASwitzerlandOEISwitzerlandOEI	- TWA (ppm) - chemical category (LV) A-ED (mg/m <sup>3</sup> ) A-ED (ppm) A-EC (mg/m <sup>3</sup> ) A-EC (ppm) - chemical category (ES)	10 ppm         skin - potential for cutaneous         exposure         36 mg/m³ (indicative limit value)         10 ppm (indicative limit value)         72 mg/m³         20 ppm         TR1B, skin - potential for cutaneous         exposure
LatviaOEISpainVLASpainVLASpainVLASpainVLASpainOEISpainOEISpainSpainSpainVLASpainVLASpainVLASpainVLASwitzerlandVLASwitzerlandVLASwitzerlandVLASwitzerlandVLASwitzerlandVLASwitzerlandOEISwitzerlandOEI	A-ED (mg/m³) A-ED (ppm) A-EC (mg/m³) A-EC (ppm) A-EC (ppm) A-EC (ppm) A-EC (ppm)	skin - potential for cutaneous exposure36 mg/m³ (indicative limit value)10 ppm (indicative limit value)72 mg/m³20 ppmTR1B, skin - potential for cutaneous exposure
Spain       VLA         Spain       OEI         Spain       OEI         Spain       VLA         Spain       OEI         Switzerland       VLA         Switzerland       VLA         Switzerland       VM         Switzerland       OEI         Switzerland       OEI	A-ED (mg/m³) A-ED (ppm) A-EC (mg/m³) A-EC (ppm) L chemical category (ES)	exposure36 mg/m³ (indicative limit value)10 ppm (indicative limit value)72 mg/m³20 ppmTR1B, skin - potential for cutaneous exposure
SpainVLASpainVLASpainVLASpainOEISpainSpainSpainSpainSwitzerlandVLESwitzerlandVLESwitzerlandVMSwitzerlandVMSwitzerlandOEISwitzerlandOEI	A-ED (ppm) A-EC (mg/m³) A-EC (ppm) - chemical category (ES)	10 ppm (indicative limit value)72 mg/m³20 ppmTR1B, skin - potential for cutaneous exposure
SpainVLASpainVLASpainOEISpainSpainSpainSpainSwitzerlandVLESwitzerlandVLESwitzerlandVMSwitzerlandVMSwitzerlandOEISwitzerlandOEI	A-EC (mg/m³) A-EC (ppm) L chemical category (ES)	72 mg/m <sup>3</sup> 20 ppm TR1B, skin - potential for cutaneous exposure
SpainVLASpainOEISpainSpainSpainSpainSwitzerlandVLESwitzerlandVLESwitzerlandVMSwitzerlandOEISwitzerlandOEI	-EC (ppm) - chemical category (ES)	20 ppm TR1B, skin - potential for cutaneous exposure
SpainOEISpainSpainSwitzerlandVLESwitzerlandVLESwitzerlandVMSwitzerlandVMSwitzerlandOEI	- chemical category (ES)	TR1B, skin - potential for cutaneous exposure
SpainSpainSwitzerlandVLESwitzerlandVLESwitzerlandVMSwitzerlandVMSwitzerlandOEl		exposure
Switzerland VLE Switzerland VLE Switzerland VM Switzerland VM Switzerland OEl	ain - BEl	
Switzerland VLE Switzerland VM Switzerland VM Switzerland OEl		30 mg/g Kreatinin Parameter: N- Methylacetamide - Medium: urine - Sampling time: end of workweek
Switzerland VM Switzerland VM Switzerland OEI	(mg/m³)	70 mg/m³
Switzerland VM Switzerland OEI	(ppm)	20 ppm
Switzerland OE	E (mg/m³)	35 mg/m <sup>3</sup>
	E (ppm)	10 ppm
Switzerland Swi	- chemical category (CH)	Category 1B developmental toxin, Skin notation
	tzerland - BEI	30 mg/g Kreatinin Parameter: N- Methylacetamide - Medium: urine - Sampling time: end of shift, and after several shifts (for long-term exposures)
Netherlands Gre	enswaarde TGG 8H (mg/m³)	36 mg/m³
Netherlands Gre	enswaarde TGG 15MIN (mg/m³)	72 mg/m <sup>3</sup>
United WE Kingdom	LTWA (mg/m³)	36 mg/m³
United WE Kingdom	LTWA (ppm)	10 ppm
United WE Kingdom	L STEL (mg/m³)	72 mg/m³
United WE Kingdom	L STEL (ppm)	20 ppm
United WE Kingdom	L chemical category	Potential for cutaneous absorption
Czech Exp Republic	oziční limity (PEL) (mg/m³)	30 mg/m³
Czech OEl Republic	- chemical category (CZ)	Potential for cutaneous absorption

Dimethylaceto	amide (127-19-5)	
Denmark	Grænseværdie (langvarig) (mg/m³)	36 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	10 ppm
Estonia	OEL TWA (mg/m³)	36 mg/m <sup>3</sup>
Estonia	OEL TWA (ppm)	10 ppm
Estonia	OEL STEL (mg/m³)	72 mg/m <sup>3</sup>
Estonia	OEL STEL (ppm)	20 ppm
Estonia	OEL chemical category (ET)	Reproductive toxin, Sensitizer, Skin notation
Finland	HTP-arvo (8h) (mg/m³)	36 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (ppm)	10 ppm
Finland	HTP-arvo (15 min)	72 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min) (ppm)	20 ppm
Finland	OEL chemical category (FI)	Potential for cutaneous absorption
Hungary	AK-érték	36 mg/m <sup>3</sup>
Hungary	CK-érték	72 mg/m <sup>3</sup>
Hungary	OEL chemical category (HU)	Potential for cutaneous absorption, Repr1B
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	36 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	10 ppm
Ireland	OEL (15 min ref) (mg/m3)	72 mg/m <sup>3</sup>
Ireland	OEL (15 min ref) (ppm)	20 ppm
Ireland	OEL chemical category (IE)	Potential for cutaneous absorption
Lithuania	IPRV (mg/m <sup>3</sup> )	36 mg/m <sup>3</sup>
Lithuania	IPRV (ppm)	10 ppm
Lithuania	TPRV (mg/m <sup>3</sup> )	72 mg/m <sup>3</sup>
Lithuania	TPRV (ppm)	20 ppm
Lithuania	OEL chemical category (LT)	Reproductive toxin, Skin notation
Luxembourg	OEL TWA (mg/m <sup>3</sup> )	36 mg/m <sup>3</sup>
Luxembourg	OEL TWA (ppm)	10 ppm
Luxembourg	OEL STEL (mg/m <sup>3</sup> )	72 mg/m <sup>3</sup>
Luxembourg	OEL STEL (ppm)	20 ppm
Luxembourg	OEL chemical category (LU)	Possibility of significant uptake through the skin
Malta	OEL TWA (mg/m³)	36 mg/m <sup>3</sup>
Malta	OEL TWA (ppm)	10 ppm
Malta	OEL STEL (mg/m <sup>3</sup> )	72 mg/m <sup>3</sup>
Malta	OEL STEL (ppm)	20 ppm
Malta	OEL chemical category (MT)	Possibility of significant uptake through the skin
Norway	Grenseverdier (AN) (mg/m <sup>3</sup> )	35 mg/m <sup>3</sup>
Norway	Grenseverdier (AN) (ppm)	10 ppm
Norway	Grenseverdier (Korttidsverdi) (mg/m3)	52,5 mg/m³ (value calculated)
	· · · · · · ·	· · · · · · · · · · · · · · · · ·
Norway	Grenseverdier (Korttidsverdi) (ppm)	15 ppm (value calculated)

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Dimethylace	tamide (127-19-5)	
Poland	NDS (mg/m³)	35 mg/m³
Poland	NDSCh (mg/m <sup>3</sup> )	70 mg/m <sup>3</sup>
Romania	OEL TWA (mg/m³)	36 mg/m³
Romania	OEL TWA (ppm)	10 ppm
Romania	OEL STEL (mg/m³)	72 mg/m <sup>3</sup>
Romania	OEL STEL (ppm)	20 ppm
Romania	OEL chemical category (RO)	Skin notation
Romania	Romania - BEl	30 µg/g creatinine Parameter: N- Methyl acetamide - Medium: urine - Sampling time: end of work week
Slovakia	NPHV (priemerná) (mg/m³)	36 mg/m³
Slovakia	NPHV (priemerná) (ppm)	10 ppm
Slovakia	NPHV (Hraničná) (mg/m³)	72 mg/m <sup>3</sup>
Slovakia	OEL chemical category (SK)	Potential for cutaneous absorption
Slovenia	OEL TWA (mg/m³)	36 mg/m³
Slovenia	OEL TWA (ppm)	10 ppm
Slovenia	OEL STEL (mg/m³)	72 mg/m³
Slovenia	OEL STEL (ppm)	20 ppm
Slovenia	OEL chemical category (SL)	Category 1B, Potential for cutaneous absorption
Sweden	nivågränsvärde (NVG) (mg/m³)	35 mg/m³
Sweden	nivågränsvärde (NVG) (ppm)	10 ppm
Sweden	kortidsvärde (KTV) (mg/m³)	70 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (ppm)	20 ppm
Sweden	OEL chemical category (SE)	Skin notation
Portugal	OEL TWA (mg/m³)	36 mg/m³ (indicative limit value)
Portugal	OEL TWA (ppm)	10 ppm (indicative limit value)
Portugal	OEL STEL (mg/m³)	72 mg/m³ (indicative limit value)
Portugal	OEL STEL (ppm)	20 ppm (indicative limit value)
Portugal	OEL chemical category (PT)	A4 - Not Classifiable as a Human Carcinogen,skin - potential for cutaneous exposure indicative limit value

#### 8.2. Exposure controls

Appropriate engineering controls

Personal protective equipment

Materials for protective clothing Hand protection Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Gloves. Protective clothing. Protective goggles.



Chemically resistant materials and fabrics.

Wear protective gloves.

EN (English)

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according to Regulation (EC) No. 1907/2006 (REACH) with	mis amenament Regulation (EU) 2015/630
Eye protection Skin and body protection	Chemical safety goggles. Wear suitable protective clothing.
Respiratory protection	If exposure limits are exceeded or irritation is experienced,
	approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved
	respiratory protection.
Other information	When using, do not eat, drink or smoke.

## **SECTION 9: Physical and chemical properties**

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

7.1. Information on busic physical an	u	chemical properties
Physical state	:	Solid
Colour	:	Yellow
Odour	:	Odourless
Odour threshold	:	No data available
рН	:	No data available
Relative evaporation rate	:	No data available
(butylacetate=1)		
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	> 135 °C (> 275 °F)
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative Density	:	1,2 (Water = 1)
Solubility	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available
Explosive limits	:	No data available
9.2. Other information		
VOC content <1%		

## **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

#### 10.2. Chemical stability

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

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

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#### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers.

#### 10.6. Hazardous decomposition products

Silicon oxides. Carbon oxides (CO, CO<sub>2</sub>). Will decompose above 150 °C (> 300 °F) releasing formaldehyde vapours. Formaldehyde is a potential carcinogen and can act as a potential skin and respiratory sensitizer. Formaldehyde can also cause respiratory and eye irritation.

## **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

Acute toxicity

Not classified

Carbon black (1333-86-4)		
LD50 oral rat	> 8000 mg/kg	
Dimethylacetamide (127-19-5)		
LD50 oral rat	4263 mg/kg	
LD50 dermal rabbit	2240 mg/kg	
LD50 dermal	2100 mg/kg	
LC50 inhalation rat (mg/l)	8,81 mg/l (Exposure time: 1 h)	
LC50 inhalation rat (Dust/Mist - mg/l/4h)	2,5 mg/l/4h	
LC50 inhalation rat (Vapours - mg/l/4h)	4,41 mg/l/4h	
ATE CLP (oral)	4263,000 mg/kg bodyweight	
ATE CLP (dermal)	1100,000 mg/kg bodyweight	
Skin corrosion/irritationNot classifiedSerious eye damage/irritationNot classifiedRespiratory or skin sensitisationNot classifiedGerm cell mutagenicityNot classifiedCarcinogenicityNot classifiedReproductive toxicityNot classifiedSpecific target organ toxicity (single: Not classified		
exposure) Specific target organ toxicity (repeated exposure) Aspiration hazard		

# **SECTION 12: Ecological information**

12.1.Toxicity		
Ecology - general	Not classified.	
Carbon black (1333-86-4)		
EC50 Daphnia 1	5600 mg/l (Exposure time: 24 h - Species: Daphnia magna)	
Dimethylacetamide (127-19-5)		
EC50 Daphnia 1	> 500 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
12.2. Persistence and degradability		
CV5-1161-7		

Persistence and degradability Not established.

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12.3. Bioaccumulative potential		
CV5-1161-7		
Bioaccumulative potential	Not established.	
Dimethylacetamide (127-19-5)		
Log Pow	0,8	
12.4. Mobility in soil		

No additional information available

#### 12.5. Results of PBT and vPvB assessment

Dimethylacetamide (127-19-5)
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
12.6. Other adverse effects

Other information

Avoid release to the environment.

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Waste disposal	Dispose of contents/container in accordance with local,
recommendations	regional, national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

# **SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN 14.1.UN number Not regulated for transport 14.2. UN proper shipping name Not applicable 14.3. Transport hazard class(es) Not applicable 14.4. Packing group Not applicable 14.5. Environmental hazards Other information No supplementary information available. 14.6. Special precautions for user **Overland transport** 14.6.1. 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 and the IBC Code Not applicable

# **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

Contains a substance on the REACH candidate list in concentration  $\geq$  0.1% or with a lower specific limit: N,N-dimethylacetamide (CAS 127-19-5) Contains no REACH Annex XIV substances

VOC content : <1%

#### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

#### **SECTION 16: Other information**

Indication of changes:

Section	Section Header	Change	Date Changed
2	Hazards identification	Modified. Removed DSD/DPD information	07/02/2017
3	Composition/information on ingredients	Updated formulation. Removed not classified components and components below cutoffs. Removed DSD/DPD information	07/02/2017
4	First aid measures	Modified	07/02/2017
5	Firefighting measures	Modified	07/02/2017
6	Accidental release measures	Modified	07/02/2017
8	Exposure controls/personal protection	Modified	07/02/2017
11	Toxicological information	Modified	07/02/2017
12	Ecological information	Modified	07/02/2017
13	Disposal consideration	Modified	07/02/2017
15.1.1.	EU-Regulations	Modified	07/02/2017

Revision date Data sources 07/02/2017

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Full text of H- and EUH-statements:

Acute Tox. 3 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Repr. 1B	Reproductive toxicity, Category 1B
H312	Harmful in contact with skin
H331	Toxic if inhaled
H360D	May damage the unborn child
EUH210	Safety data sheet available on request

Nusil EU GHS SDS

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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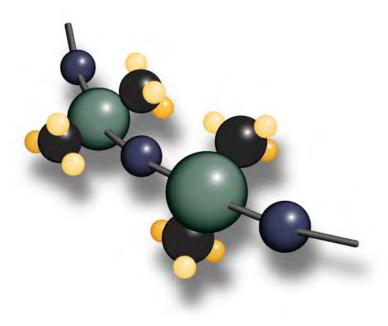
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Version uploaded 21/04/2017