

ASD7DAdhesive Side Developer - Dark Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1: Identification	
1.1. Identification	
Product form	: Mixture
Product name	: ASD7DAdhesive Side Developer - Dark
Product code	: ASD7DAdilesive Side Developer - Dark
	ostance or mixture and uses advised against
Use of the substance/mixture	: Latent fingerprint developer
1.3. Details of the supplier of the safety	y data sheet
SIRCHIE 100 Hunter Place Youngsville, NC 27596 - USA T 919-554-2244; 800-356-7311 - F 919-554-22 http://www.sirchie.com	266; 800-899-8181
1.4. Emergency telephone number	
Emergency number	: 1.800.424.9300 CHEMTREC: 1.800.424.9300
SECTION 2: Hazard(s) identification	n
2.1. Classification of the substance or	mixture
GHS-US classification	
Serious eye damage/eye irritation Category 1	H318
Full text of H statements : see section 16	
2.2. Label elements	
GHS-US labeling	
Hazard pictograms (GHS-US)	CHS05
Signal word (GHS-US)	: Danger
Contains	: sodium dodecylbenzenesulfonate
Hazard statements (GHS-US)	: H318 - Causes serious eye damage
Precautionary statements (GHS-US)	 P280 - Wear eye protection, protective gloves P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P310 - Immediately call a doctor
2.3. Other hazards	
Other hazards not contributing to the classification	: None under normal conditions.
2.4. Unknown acute toxicity (GHS US)	
Not applicable	
SECTION 3: Composition/Informati	on on ingredients
3.1. Substance	
Not applicable	
3.2. Mixture	

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Name	Product identifier	%	GHS-US classification
AQUA	(CAS No) 7732-18-5	60	Not classified
iron(II,III)oxide	(CAS No) 1317-61-9	> 28.5	Not classified
sodium dodecylbenzenesulfonate	(CAS No) 25155-30-0	6	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
sodium xylenesulfonate	(CAS No) 1300-72-7	2	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
sec-Alcohol ethoxylate	(CAS No) 84133-50-6	1.2	Not classified
tripotassium hydrogen ethylenediaminetetraacetate	(CAS No) 17572-97-3	1.2	Not classified

Full text of H-phrases: 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 inhalation	: Allow victim to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and e	ffects, both acute and delayed
Symptoms/injuries after eye contact	: Causes serious eye damage.
4.3. Indication of any immediate med	lical attention and special treatment needed
No additional information available	
SECTION 5: Firefighting measure	S
5.1. Extinguishing media	
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Insuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the	substance or mixture
Reactivity	: No hazardous combustion products known.
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release m	63511705
	e equipment and emergency procedures
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5.1.1. For non-emergency personnel	
Emergency procedures	: Evacuate unnecessary personnel.
5.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.
5.2. Environmental precautions	
Prevent entry to sewers and public waters. N	lotify authorities if liquid enters sewers or public waters.
6.3. Methods and material for contain	nment and cleaning up
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
6.4. Reference to other sections	
See Heading 8. Exposure controls and perso	onal protection.

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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. Provide good ventilation in process area to prevent formation of vapor.	
Hygiene measures : Wash hands, forearms and face thoroughly after handling.	
7.2. Conditions for safe storage, including	ng any incompatibilities
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters			
iron(II,III)oxide (1317-61-9)			
OSHA PEL (TWA) (mg/m³)	15 mg/m³		
nate (25155-30-0)			
Not applicable			
sec-Alcohol ethoxylate (84133-50-6)			
Not applicable			
sodium xylenesulfonate (1300-72-7)			
Not applicable			
tripotassium hydrogen ethylenediaminetetraacetate (17572-97-3)			
Not applicable			
n 	ate (25155-30-0) 50-6) 72-7)		

8.2. Exposure controls

Personal protective equipment

Hand protection

Other information

: Gas mask. Gloves. Safety glasses. Avoid all unnecessary exposure.

: Wear protective gloves.

- Eye protection Respiratory protection
- : Wear appropriate mask.
 - : Do not eat, drink or smoke during use.

: Chemical goggles or safety glasses.

SECTION 9: Physical and chemical properties

9.1. Information on basic	physical and chemical properties	
Physical state	: Liquid	
Appearance	: Liquid.	
Color	: Black	
Odor	: odorless	
Odor threshold	: No data available	
рН	: No data available	
Melting point	: No data available	
Freezing point	: No data available	
Boiling point	: No data available	
Flash point	: No data available	

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Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Solubility	 Soluble in water. Water: Solubility in water of component(s) of the mixture : iron(II,III)oxide: insoluble • sodium dodecylbenzenesulfonate: 25 g/100ml
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

Other information 9.2.

No additional information available

SECTIO	ON 10: Stability and reactivity
10.1.	Reactivity
No hazar	dous combustion products known.
10.2.	Chemical stability
Stable un	nder recommended handling and storage conditions (see section 7).
10.3.	Possibility of hazardous reactions
Refer to s	section 10.1 on Reactivity.
10.4.	Conditions to avoid
Direct sur	nlight. Extremely high or low temperatures.
10.5.	Incompatible materials
Strong ac	cids. Strong bases.
10.6.	Hazardous decomposition products
	rbon monoxide. Carbon dioxide.
SECTIO	ON 11: Toxicological information
11.1.	Information on toxicological effects

Acute toxicity : Not classified

iron(II,III)oxide (1317-61-9)		
LD50 oral rat	> 10000 mg/kg (Rat)	
sodium dodecylbenzenesulfonate (251	55.30.0)	
sourum douecymenzenesunonale (251		
LD50 oral rat	438 mg/kg (Rat)	
ATE US (oral)	438.000 mg/kg body weight	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Causes serious eye damage.	
Respiratory or skin sensitization	: Not classified	
Germ cell mutagenicity	: Not classified	
	Based on available data, the classification criteria are not met	
Carcinogenicity	: Not classified	

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Reproductive toxicity	: Not classified
	Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated	: Not classified
exposure)	
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/injuries after eye contact	: Causes serious eye damage.
SECTION 12: Ecological information	n

12.1. Toxicity			
iron(II,III)oxide (1317-61-9)			
LC50 fish 1	> 1000 mg/l (LC50; 48 h; Leuciscus idus)		
sodium dodecylbenzenesulfonate (25155-30-0)			
LC50 fish 1	0.99 mg/l (LC50; 96 h)		
EC50 Daphnia 1	2.19 mg/l (EC50; 96 h)		
Threshold limit algae 1	0.9 mg/l (EC50; 96 h)		

12.2. Persistence and degradability		
ASD7DAdhesive Side Developer - Dark		
Persistence and degradability	Not established.	
iron(II,III)oxide (1317-61-9)		
Persistence and degradability	Biodegradability in water: no data available. Adsorbs into the soil.	
sodium dodecylbenzenesulfonate (25155-30-0)		
Persistence and degradability	Readily biodegradable in water.	
sodium xylenesulfonate (1300-72-7)		
Persistence and degradability	Biodegradability in water: no data available.	
tripotassium hydrogen ethylenediaminetetraacetate (17572-97-3)		
Persistence and degradability	Biodegradability in water: no data available.	
12.3. Bioaccumulative potential		
ASD7DAdhesive Side Developer - Dark		
Bioaccumulative potential	Not established.	
iron(II,III)oxide (1317-61-9)		
Bioaccumulative potential	No bioaccumulation data available.	
sodium dodecylbenzenesulfonate (25155-30-0)		
BCF fish 1	286 (BCF)	
BCF fish 2	130 (BCF)	
Log Pow	0.45 - 1.96	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	
sodium xylenesulfonate (1300-72-7)		
Bioaccumulative potential	No bioaccumulation data available.	
tripotassium hydrogen ethylenediaminetetraacetate (17572-97-3)		
Bioaccumulative potential	No bioaccumulation data available.	

12.4. Mobility in soil

No additional information available

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12.5. Other adverse effects	
Effect on the global warming :	No known ecological damage caused by this product.
Other information :	Avoid release to the environment.
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste disposal recommendations :	Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials :	Avoid release to the environment.
SECTION 14: Transport information	
Department of Transportation (DOT)	
In accordance with DOT	
Not regulated for transport	
TDG	
No additional information available	
Transport by sea	
No additional information available	
Air transport	
No additional information available	
SECTION 15: Regulatory information	
15.1. US Federal regulations	
No additional information available	
15.2. International regulations	
CANADA No additional information available	
EU-Regulations	
No additional information available	
National regulations	
No additional information available	
15.3. US State regulations	
No additional information available	

SECTION 16: Other information	
Data sources	: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Training advice	Normal use of this product shall imply use in accordance with the instructions on the packaging. Keep in tightly closed container. Keep cool and dry. Avoid all ignition sources - heat, open flame, sparks. Avoid incompatible materials. Avoid dust creation and accumulation. Avoid inhalation and ingestion. Avoid contact with eyes. Wash thoroughly after handling.
Other information	: None.

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Full text of H-phrases:	
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
NFPA health hazard	: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard	: 1 - Must be preheated before ignition can occur.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	
Health	: 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability	 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)
Physical	: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
Personal Protection	: G
	G - Safety glasses, Gloves, Vapor respirator

SDS US (GHS HazCom 2012)

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