

SAFETY DATA SHEET Protal 7125 Part B Hardener

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification	
Product identifier	
Product name	Protal 7125 Part B Hardener
Product number	6140036H
Recommended use of the che	
Application	Industrial use as a protective coating in prevention of corrosion.
Uses advised against	No specific uses advised against are identified.
Details of the supplier of the s	
Supplier	See Manufacturer
Manufacturer	Denso North America 9710 Telge Road
	Houston, TX 77095
	1 (281) 821-3355
	1 (281) 821-0304
	info@densona.com
Emergency telephone number	<u>r</u>
Emergency telephone	1-801-629-0667
2. Hazard(s) identification	
Classification of the substance	e or mixture
Physical hazards	Org. Perox. E - H242
Health hazards	Skin Sens. 1 - H317
Environmental hazards	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
Label elements	
Hazard symbols	
Signal word	Warning
Hazard statements	H317 May cause an allergic skin reaction. H410 Very toxic to aquatic life with long lasting effects. H242 Heating may cause a fire.

Precautionary statements	 P102 Keep out of reach of children. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P211 Do not spray on an open flame or other ignition source. P220 Keep away from combustible materials. P234 Keep only in original container. P235+P410 Keep cool. Protect from sunlight. P261 Avoid breathing vapor/ spray. P262 Do not get in eyes, on skin, or on clothing. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P284 In case of inadequate ventilation wear respiratory protection. P302+P352 If on skin: Wash with plenty of water. P303+P351 HP338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304+P313 If exposed or concerned: Get medical advice/ attention. P33+P313 If skin irritation or rash occurs: Get medical advice/ attention. P36+P378 In case of fine: Use foam, carbon dioxide, dry powder or water fog to extinguish. P310 -P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P344 P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P304+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P310 -P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P310 -P316 Index of from sunlight. Store in a well-ventilated place. P400 +P403 Protect from sunlight. Store in a we
Contains Other hazards	Proprietary Hardener A

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures		
Proprietary Hardener A		10-30%
CAS number: Proprietary		
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification		
Org. Perox. B - H241		
Eye Irrit. 2 - H319		
Skin Sens. 1 - H317		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		

Proprietary Filler A	5-10%
CAS number: Proprietary	
M factor (Chronic) = 1	
Acute Tox. 4 - H302 Acute Tox. 4 - H332	
Carc. 1B - H350	
Repr. 1B - H360	
STOT RE 2 - H373	
Aquatic Chronic 1 - H410	
Proprietary Additive E	<1%
CAS number: Proprietary	
Classification Not Classified	
	ements is displayed in Section 16.
Ingredient notes	The exact percentage/concentration is withheld as a trade secret in accordance with 29 CFR 1910.1200.
4. First-aid measures	
Description of first aid measur	es
General information	Get medical attention if any discomfort continues. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. If breathing stops, provide artificial respiration. Show this Safety Data Sheet to the medical personnel.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.
Ingestion	Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.
Skin Contact	It is important to remove the substance from the skin immediately. In the event of any sensitization symptoms developing, ensure further exposure is avoided. Remove contamination with soap and water or recognized skin cleansing agent. Get medical attention if symptoms are severe or persist after washing.
Eye contact	Rinse with water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.
Most important symptoms and	l effects, both acute and delayed
General information	See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	No specific symptoms known.
Ingestion	May cause sensitization or allergic reactions in sensitive individuals.

Skin contact	May cause skin sensitization or allergic reactions in sensitive individuals.
Eye contact	Irritating to eyes.
Indication of immediate medic	al attention and special treatment needed
Notes for the doctor	Treat symptomatically. May cause sensitization or allergic reactions in sensitive individuals.
5. Fire-fighting measures	
Extinguishing media	
Suitable extinguishing media	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Special hazards arising from t	he substance or mixture
Specific hazards	May cause or intensify fire; oxidizer. Containers can burst violently or explode when heated, due to excessive pressure build-up.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.
Advice for firefighters	
Protective actions during firefighting	Avoid breathing fire gases or vapors. Evacuate area. May cause or intensify fire; oxidizer. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.
6. Accidental release measure	IS
Personal precautions, protecti	ve equipment and emergency procedures
Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Avoid contact with skin and eyes.
Environmental precautions	
Environmental precautions	The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment. Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).
Methods and material for cont	ainment and cleaning up

Methods and material for containment and cleaning up

Methods for cleaning up	Wear protective clothing as described in Section 8 of this safety data sheet. Stop leak if safe to do so. Clear up spills immediately and dispose of waste safely. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Use only non-sparking tools. Do not allow material to enter confined spaces, due to the risk of explosion. Absorb small quantities with paper towels and evaporate in a safe place. Once evaporation is complete, place paper in a suitable waste disposal container and seal securely. Large Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. The contaminated absorbent may pose the same hazard as the spilled material. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.
Reference to other sections	For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.
7. Handling and storage	
Precautions for safe handling	
Usage precautions	Read and follow manufacturer's recommendations. Do not handle until all safety precautions have been read and understood. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid discharge to the aquatic environment. Do not handle broken packages without protective equipment. Do not reuse empty containers.
Advice on general occupational hygiene	Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash it before reuse. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.
Conditions for safe storage, in	cluding any incompatibilities
Storage precautions	Store away from incompatible materials (see Section 10). Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store away from other materials. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Protect from sunlight.
Storage class	Miscellaneous hazardous material storage.
Specific end uses(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.
8. Exposure controls/Persona	Il protection
Control parameters	
Occupational exposure limits	

Proprietary Additive E

Long-term exposure limit (8-hour TWA): ACGIH 3 mg/m³ inhalable fraction A3

Long-term exposure limit (8-hour TWA): OSHA 3.5 mg/m³

ACGIH = American Conference of Governmental Industrial Hygienists. A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans. OSHA = Occupational Safety and Health Administration.

Ingredient comments

No dust formed during normal use.

Proprietary Filler B

Immediate danger to life 3000 mg/m³ and health

Proprietary Additive E

Immediate danger to life 1750 mg/m³ and health

Exposure controls

Protective equipment



Appropriate engineering controls	Provide adequate general and local exhaust ventilation. Good general ventilation should be adequate to control worker exposure to airborne contaminants. Observe any occupational exposure limits for the product or ingredients. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimize worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimize exposure.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with OSHA 1910.133. Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
Other skin and body protection	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
Hygiene measures	Contaminated work clothing should not be allowed out of the workplace. Persons susceptible to allergic reactions should not handle this product. Take off immediately all contaminated clothing and wash it before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Warn cleaning personnel of any hazardous properties of the product.

Respiratory protection	The use of a respirator is normally not required for outdoor application and areas with adequate ventilation. If ventilation is inadequate, suitable respiratory protection must be worn. Do not use in confined spaces without adequate ventilation and/or respirator. Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. If dust is generated: Wear a suitable dust mask.
Environmental exposure controls	Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

Explosive properties

Information on basic physical and chemical properties Paste. Appearance Black. Color Odor Mild. Odor threshold Not determined. ~ 7 pН Melting point Not determined. Initial boiling point and range Not determined. Flash point > 93°C/200°F Tag closed cup. **Evaporation rate** Not applicable. **Evaporation factor** Not applicable. Flammability (solid, gas) Not determined. Not determined. Upper/lower flammability or explosive limits Other flammability Not determined. Vapor pressure Not determined. Vapor density > 1 **Relative density** ~ 0.99 **Bulk density** Not determined. Solubility(ies) Slightly soluble in water. Partition coefficient Not determined. Auto-ignition temperature Not determined. Not determined. **Decomposition Temperature** ~15,000 cP @ 25°C/77°F Viscosity

Not determined.

Explosive under the influence of a flame	Not considered to be explosive.
Oxidizing properties	This mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.
10. Stability and reactivity	
Reactivity	See the other subsections of this section for further details.
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
Possibility of hazardous reactions	No potentially hazardous reactions known.
Conditions to avoid	Avoid heat, flames and other sources of ignition. Containers can burst violently or explode when heated, due to excessive pressure build-up.
Materials to avoid	Reducing agents. Flammable/combustible materials. Hydrocarbons. Organic cyanides (nitriles). Esters. Some metals.
Hazardous decomposition products	Oxygen. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.
11. Toxicological information	
Information on toxicological eff	fects
Toxicological effects	When mixed with Part A, the mixture cures and forms an inert solid and is not considered hazardous.
Acute toxicity - oral Notes (oral LD∞)	Based on available data the classification criteria are not met.
Acute toxicity - dermal Notes (dermal LD₅o)	Based on available data the classification criteria are not met.
Acute toxicity - inhalation Notes (inhalation LC_{50})	Based on available data the classification criteria are not met.
Skin corrosion/irritation Animal data	Based on available data the classification criteria are not met.
Serious eye damage/irritation Serious eye damage/irritation	Causes serious eye irritation.
Respiratory sensitization Respiratory sensitization	Based on available data the classification criteria are not met.
Skin sensitization Skin sensitization	May cause skin sensitization or allergic reactions in sensitive individuals.
Germ cell mutagenicity Genotoxicity - in vitro	Based on available data the classification criteria are not met.
Carcinogenicity Carcinogenicity	Based on available data the classification criteria are not met.

IARC carcinogenicity	Contains a substance which may be potentially carcinogenic. IARC Group 2B Possibly carcinogenic to humans.
Reproductive toxicity	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Based on available data the classification criteria are not met.
Specific target organ toxicity -	
STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.
Specific target organ toxicity -	
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard Aspiration hazard	Based on available data the classification criteria are not met.
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	No specific symptoms known.
Ingestion	May cause sensitization or allergic reactions in sensitive individuals.
Skin Contact	May cause skin sensitization or allergic reactions in sensitive individuals.
Eye contact	Irritating to eyes.
Route of exposure	Ingestion Inhalation Skin and/or eye contact
Target Organs	No specific target organs known.
Medical considerations	Skin disorders and allergies.
Medical considerations 12. Ecological information	Skin disorders and allergies.
	Skin disorders and allergies. The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. It is unlikely that the substance will dissolve in water in amounts big enough to have a toxic effect on fish and daphnia. However, large or frequent spills may have hazardous effects on the environment. When mixed with Part B, the mixture cures and forms an inert solid and is not considered hazardous.
12. Ecological information	The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. It is unlikely that the substance will dissolve in water in amounts big enough to have a toxic effect on fish and daphnia. However, large or frequent spills may have hazardous effects on the environment. When mixed with Part B, the mixture cures and forms an inert solid and is not considered
12. Ecological information Ecotoxicity	The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. It is unlikely that the substance will dissolve in water in amounts big enough to have a toxic effect on fish and daphnia. However, large or frequent spills may have hazardous effects on the environment. When mixed with Part B, the mixture cures and forms an inert solid and is not considered hazardous. Aquatic Acute 1 - H400 Very toxic to aquatic life. Aquatic Chronic 1 - H410 Very toxic to
12. Ecological information Ecotoxicity Toxicity	The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. It is unlikely that the substance will dissolve in water in amounts big enough to have a toxic effect on fish and daphnia. However, large or frequent spills may have hazardous effects on the environment. When mixed with Part B, the mixture cures and forms an inert solid and is not considered hazardous. Aquatic Acute 1 - H400 Very toxic to aquatic life. Aquatic Chronic 1 - H410 Very toxic to
12. Ecological information Ecotoxicity Toxicity Persistence and degradability	The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. It is unlikely that the substance will dissolve in water in amounts big enough to have a toxic effect on fish and daphnia. However, large or frequent spills may have hazardous effects on the environment. When mixed with Part B, the mixture cures and forms an inert solid and is not considered hazardous. Aquatic Acute 1 - H400 Very toxic to aquatic life. Aquatic Chronic 1 - H410 Very toxic to aquatic life with long lasting effects.
12. Ecological information Ecotoxicity Toxicity Persistence and degradability Persistence and degradability	The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. It is unlikely that the substance will dissolve in water in amounts big enough to have a toxic effect on fish and daphnia. However, large or frequent spills may have hazardous effects on the environment. When mixed with Part B, the mixture cures and forms an inert solid and is not considered hazardous. Aquatic Acute 1 - H400 Very toxic to aquatic life. Aquatic Chronic 1 - H410 Very toxic to aquatic life with long lasting effects.
12. Ecological information Ecotoxicity Toxicity Persistence and degradability Persistence and degradability Bioaccumulative potential	The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. It is unlikely that the substance will dissolve in water in amounts big enough to have a toxic effect on fish and daphnia. However, large or frequent spills may have hazardous effects on the environment. When mixed with Part B, the mixture cures and forms an inert solid and is not considered hazardous. Aquatic Acute 1 - H400 Very toxic to aquatic life. Aquatic Chronic 1 - H410 Very toxic to aquatic life with long lasting effects. The degradability of the product is not known.
12. Ecological information Ecotoxicity Toxicity Persistence and degradability Persistence and degradability Bioaccumulative potential Bio-Accumulative Potential	The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. It is unlikely that the substance will dissolve in water in amounts big enough to have a toxic effect on fish and daphnia. However, large or frequent spills may have hazardous effects on the environment. When mixed with Part B, the mixture cures and forms an inert solid and is not considered hazardous. Aquatic Acute 1 - H400 Very toxic to aquatic life. Aquatic Chronic 1 - H410 Very toxic to aquatic life with long lasting effects. The degradability of the product is not known. No data available on bioaccumulation.
12. Ecological information Ecotoxicity Toxicity Persistence and degradability Persistence and degradability Bioaccumulative potential Bio-Accumulative Potential Partition coefficient	The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. It is unlikely that the substance will dissolve in water in amounts big enough to have a toxic effect on fish and daphnia. However, large or frequent spills may have hazardous effects on the environment. When mixed with Part B, the mixture cures and forms an inert solid and is not considered hazardous. Aquatic Acute 1 - H400 Very toxic to aquatic life. Aquatic Chronic 1 - H410 Very toxic to aquatic life with long lasting effects. The degradability of the product is not known. No data available on bioaccumulation.

Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.
Disposal methods	Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.
14. Transport information	
General	For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.
UN Number	
UN No. (TDG)	3108
UN No. (IMDG)	3108
UN No. (ICAO)	3108
UN No. (DOT)	UN3108
UN proper shipping name	
Proper shipping name (TDG)	ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE)
Proper shipping name (IMDG)	ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE)
Proper shipping name (ICAO)	ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE)
Proper shipping name (DOT)	ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE)
Transport hazard class(es)	
DOT hazard class	5.2
DOT hazard label	5.2
TDG class	5.2
TDG label(s)	5.2
IMDG Class	5.2
ICAO class/division	5.2
Transport labels	



DOT transport labels



Packing groupTDG Packing GroupIIIMDG packing groupNoneICAO packing groupNoneDOT packing groupII

Environmental hazards

Environmentally Hazardous Substance



Special precautions for user

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

EmS

F-J, S-R

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory information

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities None of the ingredients are listed or exempt.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

None of the ingredients are listed or exempt.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed or exempt.

SARA 313 Emission Reporting

None of the ingredients are listed or exempt.

CAA Accidental Release Prevention

None of the ingredients are listed or exempt.

FDA - Essential Chemical

None of the ingredients are listed or exempt.

FDA - Precursor Chemical

None of the ingredients are listed or exempt.

SARA (311/312) Hazard Categories

None of the ingredients are listed or exempt.

OSHA Highly Hazardous Chemicals

None of the ingredients are listed or exempt.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

The following ingredients are listed or exempt:

Proprietary Filler B

Proprietary Additive D

Proprietary Additive E

California Air Toxics "Hot Spots" (A-I)

The following ingredients are listed or exempt:

Proprietary Filler B

California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed or exempt.

California Directors List of Hazardous Substances

The following ingredients are listed or exempt:

Proprietary Filler B Proprietary Additive E

Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

Proprietary Filler B

Proprietary Additive E

Rhode Island "Right To Know" List

The following ingredients are listed or exempt:

Proprietary Additive E

Minnesota "Right To Know" List

The following ingredients are listed or exempt:

Proprietary Filler B

Proprietary Additive E

New Jersey "Right To Know" List

The following ingredients are listed or exempt:

Proprietary Additive E

Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

Proprietary Filler B

Proprietary Additive E

Inventories

US - TSCA The following ingredients are listed or exempt: *Proprietary Additive A Proprietary Diluent A*

Proprietary Filler A

Proprietary Filler B

Proprietary Additive D

Proprietary Additive E

US - TSCA 12(b) Export Notification

None of the ingredients are listed or exempt.

16. Other information	
Abbreviations and acronyms used in the safety data sheet	TDG: The transport of dangerous goods act
	 IATA: International air transport association. ICAO: Technical instructions for the safe transport of dangerous goods by air. IMDG: International maritime dangerous goods. CAS: Chemical abstracts service. ATE: Acute toxicity estimate. LC₅₀: Lethal concentration to 50 % of a test population. LD₅₀: Lethal dose to 50% of a test population (median lethal dose). EC₅₀: 50% of maximal effective concentration. PBT: Persistent, bioaccumulative and toxic substance. vPvB: Very persistent and very bioaccumulative.
Classification abbreviations and acronyms	Org. Perox. = Organic peroxide Eye Irrit. = Eye irritation Skin Sens. = Skin sensitisation Aquatic Acute = Hazardous to the aquatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Training advice	Only trained personnel should use this material.
Issued by	HS&E Manager.
Revision date	9/3/2020
Revision	3
Supersedes date	11/22/2019
SDS No.	5230
Hazard statements in full	 H241 Heating may cause a fire or explosion. H242 Heating may cause a fire. H302 Harmful if swallowed. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H350 May cause cancer. H360 May damage fertility or the unborn child. H373 May cause damage to organs (Lungs) through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.