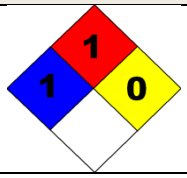
Safety Data Sheet

NFPA	HMIS/WHMIS	PPE	Transport Symbol
	**Flammability 1** **Health Hazard 1** **Stability 0**		

1. Product and Company Identification

Product Name:	Tec Bond 213
Manufactured by:	Power Adhesives Ltd
	1 Lords Way
	Basildon, Essex SS13 1TN United Kingdom
Telephone:	(704) 334-2425

2. Hazards Identification

Contact with molten hot melt adhesives can cause severe burns.

Appearance: Water-White	Physical State: Solid	Odor: Slight

OSHA Regulatory Status: This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Potential Health Effects:

Principle Routes of exposure: Eye Contact, Skin Contact, Inhalation

Acute Toxicity:

Eyes: May cause slight irritation. Contact with molten material may cause severe burns.

Skin:	May cause irritation and/or dermatitis. Contact with molten material may cause severe burns.
Inhalation:	Inhalation of fumes and/or dust may cause irritation of respiratory system. Continuous breathing of vapors above molten material may cause irritation.
Ingestion:	Ingestion may cause stomach discomfort
Chronic Effects:	
Chronic Toxicity:	No Known Effect
Aggravated Medical Conditions:	None Known
Environmental Hazard:	See Section 12 for additional Information

3. Information on Compounded Ingredients

No known hazardous components.

Components	CAS-No	Weight %
Ethyl Vinyl Acetate	Not Available	Not Available

4. Fist Aid

General Advice:	Hot melt adhesives pose virtually no hazards to health when used in normal industrial practice, but because they are used in a molten state at high temperatures there is a risk of thermal burn. Skin contact with molten hot melt should be avoided and precautions taken against accidental splashes of adhesive. The use of hinged guards and the insulation of hot pipes, tanks, etc minimize the risk of burns.
Inhalation:	Noxious and irritating fumes may be released from heating hot melts. Vapors given off during operation are not considered toxic, but if overheated chemical breakdown of the components may occur, releasing a complex mixture of organic materials, some of which may be toxic or irritant. Remove to fresh air, keeping patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by

	mouth. Treat any irritation symptomatically. If unconscious or symptoms persist place in recovery position and seek medical advice.
Skin Contact:	Solid cold hot melt is harmless to the skin. Wash hands with soap and water. Skin affected by molten hot melt should be plunged into cold water immediately and left until the burning sensation subsides. If no tap is available have a bucket of clean cold water available. If coated with hot melt move fingers to prevent a tourniquet effect as it cools. Do not remove the adhesive when molten as it might remove skin to quite a depth leaving a raw wound. Even when solid remove with care as the above may occur. If difficult to remove, with medical approval, olive oil or liquid paraffin should be soaked into a cotton pad and placed over the affected area. This will slowly soften the adhesive into the pad. When hot melt is removed treat as a normal burn. In isolated circumstances an allergic reaction may occur and direct contact with the adhesive and its vapors should be avoided.
Eye Contact:	For solid treat as inert particles and irrigate copiously with clean fresh water. For molten hot melt irrigate with cold water and seek medical advice immediately.
Ingestion:	If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. Give large quantities of water but never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

Flammable Properties:	Non Flammable
Suitable Extinguishing Methods:	Water Spray, dry chemical, carbon dioxide or foam
Hazardous Combustion Products:	Carbon oxides

Protective Equipment and Precaution for first responders:

Wear self-contained breathing apparatus, MSHA/NIOSH approved and full protective clothing

6. Accidental Release Measures

Personal Precautions:	Wear protective gloves/clothing and eye protection
Methods for Containment:	Prevent further leakage or spillage if safe to do so
Methods for Cleaning:	Sweep up granules of solid material and place in a container for disposal according to local regulations. Allow melt to cool and solidify. Scrape up and dispose of as above. Do not allow to enter drains or water courses.

7. Handling and Storage

Handling:	Do not heat hot melt above recommended temperatures. Avoid overheating hot melts as this can give rise to excessive fuming indicating polymer breakdown and production of toxic or irritant vapors.
Storage:	Hot melts can be stored for indefinite periods, but stock rotation is advised. Store in a dry, well ventilated place. Keep in original containers to avoid contamination with moisture and other foreign bodies. Keep containers closed.

8. Exposure Controls/Personal Protection

Exposure guidelines:	This product does not contain any hazardous material with occupational exposure limits
Engineering Measures:	Showers
	Eyewash Stations
	Ventilation Systems
Eye/Face Protection:	Safety Glasses
Skin and Body Protection:	Wear proper protective clothing
Respiratory Protection:	If irritation is experienced, use NIOSH/MSHA approved respiratory protection

9. Physical and Chemical Properties

Appearance:	Pale Straw
Physical State:	Solid at room temperature
Flash Point:	>492° F
Boiling Point:	N/A
Freezing Point:	N/A
Flammability:	N/A
Odor:	Slight
PH:	N/A
Auto ignition Temp:	N/A
Melting Point/Range:	189° F
Explosion Limits:	N/A
Specific Gravity:	.98
VOC Content:	No VOC's
HAPS Data:	No HAPS

10. Stability and Reactivity

Stability:	Stable under normal recommended storage conditions
Incompatible Products:	Strong oxidizing agents and other hot melt adhesives
Conditions to Avoid:	None Known
Hazardous Decomposition Products:	Carbon monoxide (CO) Carbon Dioxide (CO2)
Hazardous Reactions:	Hazardous polymerization does not occur

11. Toxicological information

Acute Toxicity:

Product information:	Product does not present an acute toxicity hazard based on known or supplied information
Irritation:	Repeated or prolonged exposure may cause eye or skin irritation

Chronic Toxicity:

Carcinogenicity:	Contains no ingredient listed as a carcinogen

12. Ecological Information

Eco toxicity:	The environmental impact of this product has not fully been investigated

13. Disposal Considerations

Waste Disposal Method:	Dispose of contents/container in accordance with local regulations

14. Transport Information

DOT:	Not Regulated
TDG:	Not Regulated
MEX:	Not Regulated
IATA:	Not Regulated
IMDG/IMO:	Not Regulated

15. Regulatory Information

International Inventories:

TSCA:	Complies
DSL:	Complies
EINECS:	Does Not Comply
ENCS:	Does Not Comply
IECSC:	Does Not Comply
KECL:	Does Not Comply
PICCS:	Does Not Comply
AICS:	Does Not Comply
US Federal Regulations:	Sara 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories:

Acute Health Hazard:	No
Chronic Health Hazard:	No
Fire Hazard:	No
Sudden Release of Pressure Hazard:	No
Reactive Hazard:	No
Clean Water Act:	This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Clean Air Act Section 112 Hazardous Pollutants (HAPs) (see 40 CFR 61):

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

CERCLA:	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional or stare level pertaining to the releases of this material.
US State Regulations:	
California Proposition 65:	This product does not contain any Proposition 65 chemicals.
International Regulations:	
Canada:	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.
WHMIS:	Not determined

16. Other Information

Prepared by:	Power Adhesives Quality and Technical Departments
Revision Date:	2-6-2015

The information contained in this safety data is based in the present state of knowledge and the current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

END OF DOCUMENT